

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042921\
 Data File : BF123762.D
 Acq On : 29 Apr 2021 13:45
 Operator : JU/CG
 Sample : M1458-02
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Manual Integrations
 APPROVED

mohammad

5/3/2021 10:47:47 AM

Quant Time: Apr 29 14:08:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 29 11:58:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	210163	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	773200	20.00	ng	# 0.00
39) Acenaphthene-d10	9.845	164	373813	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	751265	20.00	ng	0.00
76) Chrysene-d12	13.974	240	612412	20.00	ng	-0.01
86) Perylene-d12	15.433	264	522409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1163407	87.70	ng	0.00
7) Phenol-d6	6.440	99	1593015	87.17	ng	0.00
23) Nitrobenzene-d5	7.369	82	1040055	60.72	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	432293	92.90	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1627950	63.42	ng	0.00
79) Terphenyl-d14	12.922	244	1877332	59.03	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.505	88	43356	6.07	ng	98
3) Pyridine	3.263	79	177947	10.19	ng	92
4) n-Nitrosodimethylamine	3.175	42	115004	11.95	ng	91
6) Aniline	6.469	93	293724	13.90	ng	99
8) 2-Chlorophenol	6.593	128	174795	12.25	ng	98
9) Benzaldehyde	6.351	77	164956	18.65	ng	95
10) Phenol	6.451	94	242287	12.34	ng	98
11) bis(2-Chloroethyl)ether	6.540	93	176540	12.32	ng	98
12) 1,3-Dichlorobenzene	6.745	146	179378	12.44	ng	98
13) 1,4-Dichlorobenzene	6.822	146	183551	12.58	ng	98
14) 1,2-Dichlorobenzene	6.981	146	168924	11.93	ng	96
15) Benzyl Alcohol	6.945	79	182489	12.74	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	392973	12.89	ng	99
17) 2-Methylphenol	7.057	107	149879	12.33	ng	98
18) Hexachloroethane	7.322	117	72306	12.52	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	136216	12.07	ng	96
20) 3+4-Methylphenols	7.216	107	187510	12.12	ng	# 81
22) Acetophenone	7.210	105	266527	12.68	ng	# 94
24) Nitrobenzene	7.387	77	214703	12.03	ng	97
25) Isophorone	7.628	82	364077	11.34	ng	98
26) 2-Nitrophenol	7.704	139	87803	12.06	ng	97
27) 2,4-Dimethylphenol	7.745	122	154271	13.49	ng	97
28) bis(2-Chloroethoxy)met...	7.840	93	221104	13.51	ng	96
29) 2,4-Dichlorophenol	7.951	162	133354	11.83	ng	96
30) 1,2,4-Trichlorobenzene	8.034	180	149264	12.64	ng	98
31) Naphthalene	8.116	128	505818	12.70	ng	98
32) Benzoic acid	7.834	122	51380m	7.14	ng	
33) 4-Chloroaniline	8.163	127	211458	12.73	ng	93
34) Hexachlorobutadiene	8.234	225	86640	12.03	ng	95
35) Caprolactam	8.492	113	24651	6.23	ng	# 92
36) 4-Chloro-3-methylphenol	8.639	107	170838	12.15	ng	96
37) 2-Methylnaphthalene	8.804	142	329598	12.70	ng	99
38) 1-Methylnaphthalene	8.904	142	301378	12.36	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	141619	12.87	ng	99
41) Hexachlorocyclopentadiene	8.963	237	51762	11.86	ng	93
43) 2,4,6-Trichlorophenol	9.081	196	88515	11.68	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042921\
 Data File : BF123762.D
 Acq On : 29 Apr 2021 13:45
 Operator : JU/CG
 Sample : M1458-02
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Manual Integrations
 APPROVED

mohammad

5/3/2021 10:47:47 AM

Quant Time: Apr 29 14:08:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 29 11:58:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	92051	11.32	ng	98
46) 1,1'-Biphenyl	9.269	154	399460	13.04	ng	99
47) 2-Chloronaphthalene	9.292	162	297116	12.87	ng	98
48) 2-Nitroaniline	9.386	65	124459	12.24	ng	98
49) Acenaphthylene	9.710	152	491101	13.18	ng	98
50) Dimethylphthalate	9.563	163	341690	12.98	ng	100
51) 2,6-Dinitrotoluene	9.628	165	73339	12.05	ng	86
52) Acenaphthene	9.881	154	292065	12.86	ng	99
53) 3-Nitroaniline	9.792	138	89821	12.35	ng	97
54) 2,4-Dinitrophenol	9.904	184	38454	11.89	ng	95
55) Dibenzofuran	10.051	168	442982	12.90	ng	97
56) 4-Nitrophenol	9.963	139	58206	10.99	ng	89
57) 2,4-Dinitrotoluene	10.028	165	103845	12.51	ng	91
58) Fluorene	10.392	166	346287	13.12	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.169	232	76663	11.91	ng	94
60) Diethylphthalate	10.269	149	371336	13.25	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	164652	13.39	ng	99
62) 4-Nitroaniline	10.404	138	90091	12.51	ng	97
63) Azobenzene	10.551	77	401765	12.47	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	41453	8.91	ng	85
66) n-Nitrosodiphenylamine	10.504	169	303447	12.35	ng	98
67) 4-Bromophenyl-phenylether	10.881	248	96580	12.21	ng	91
68) Hexachlorobenzene	10.945	284	109307	12.14	ng	92
69) Atrazine	11.028	200	52874	7.12	ng	98
70) Pentachlorophenol	11.139	266	39615	8.63	ng	92
71) Phenanthrene	11.357	178	491341	12.47	ng	99
72) Anthracene	11.410	178	507957	12.97	ng	98
73) Carbazole	11.563	167	473919	11.97	ng	99
74) Di-n-butylphthalate	11.898	149	570677	12.84	ng	99
75) Fluoranthene	12.545	202	533400	12.41	ng	100
77) Benzidine	12.669	184	165175	10.42	ng	97
78) Pyrene	12.774	202	558548	11.75	ng	99
80) Butylbenzylphthalate	13.398	149	240757	11.86	ng	95
81) Benzo(a)anthracene	13.969	228	460226	12.40	ng	96
82) 3,3'-Dichlorobenzidine	13.927	252	90205	7.91	ng	98
83) Chrysene	14.004	228	460613	12.34	ng	97
84) Bis(2-ethylhexyl)phtha...	13.963	149	311055	12.33	ng	99
85) Di-n-octyl phthalate	14.574	149	501736	12.44	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	355528	11.69	ng	98
88) Benzo(b)fluoranthene	15.010	252	406281	11.54	ng	99
89) Benzo(k)fluoranthene	15.039	252	404864	12.05	ng	99
90) Benzo(a)pyrene	15.368	252	377327	12.53	ng	97
91) Dibenzo(a,h)anthracene	16.886	278	298640	11.63	ng	98
92) Benzo(g,h,i)perylene	17.304	276	285099	11.08	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042921\
Data File : BF123762.D
Acq On : 29 Apr 2021 13:45
Operator : JU/CG
Sample : M1458-02
Misc : LOQ-SOIL-10PPM
ALS Vial : 4 Sample Multiplier: 1

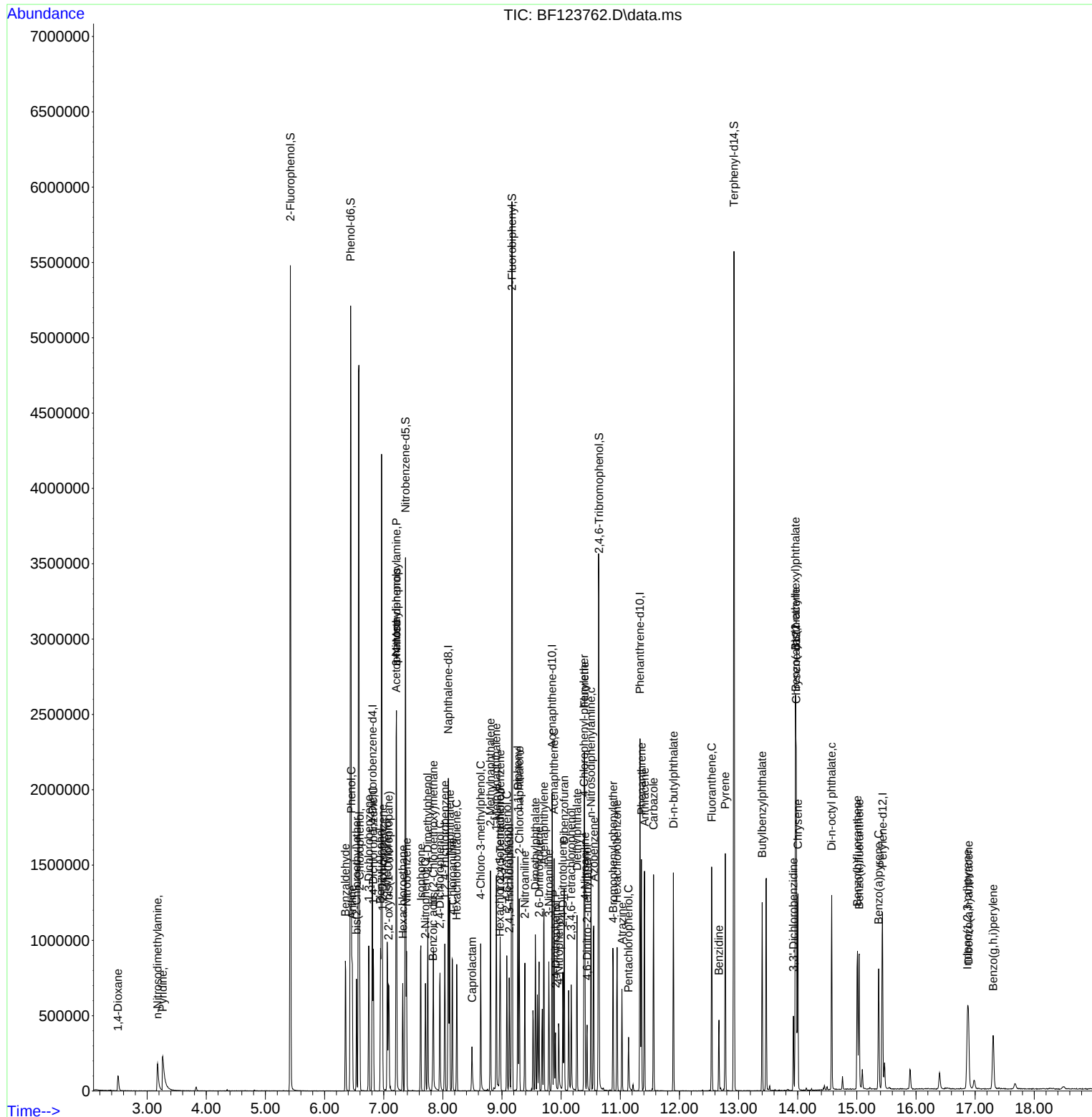
Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

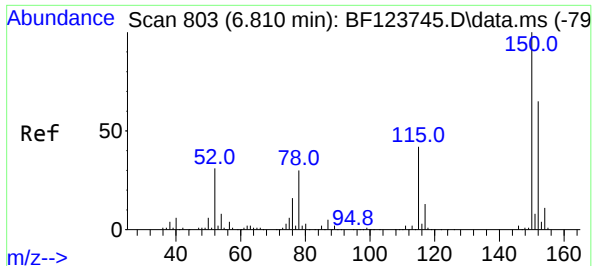
Manual Integrations
APPROVED

mohammad

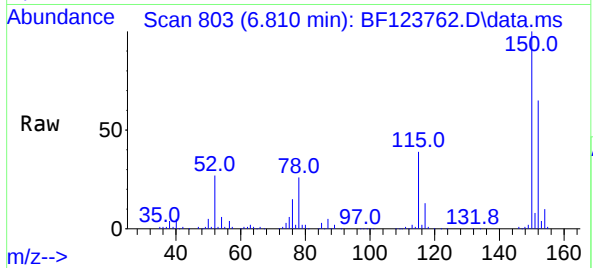
5/3/2021 10:47:47 AM

Quant Time: Apr 29 14:08:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 11:58:47 2021
Response via : Initial Calibration

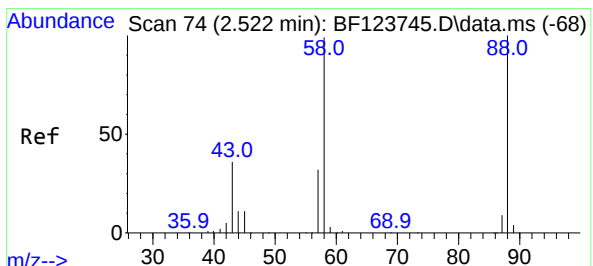
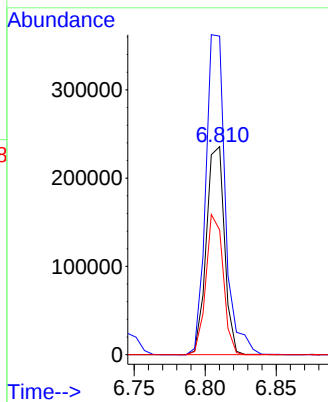
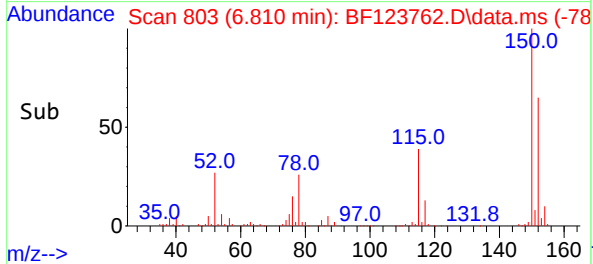




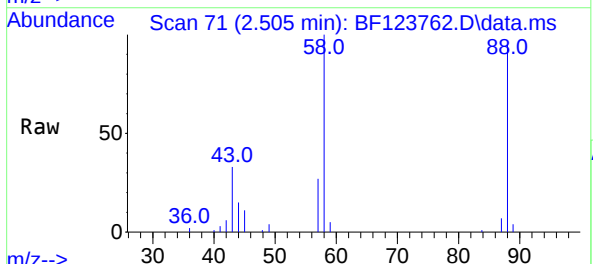
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



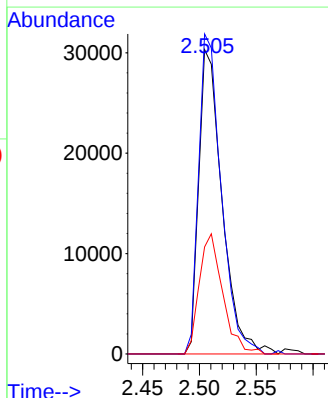
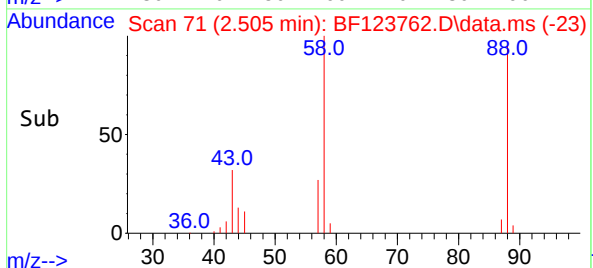
Tgt Ion: 152 Resp: 210163
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.6
115 60.0 54.3 81.5



#2
1,4-Dioxane
Concen: 6.07 ng
RT: 2.505 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



Tgt Ion: 88 Resp: 43356
Ion Ratio Lower Upper
88 100
58 102.0 83.8 125.8
43 39.8 32.2 48.4

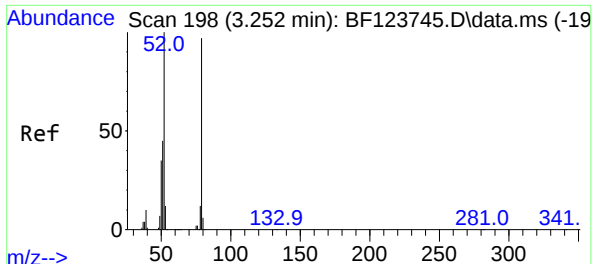


Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

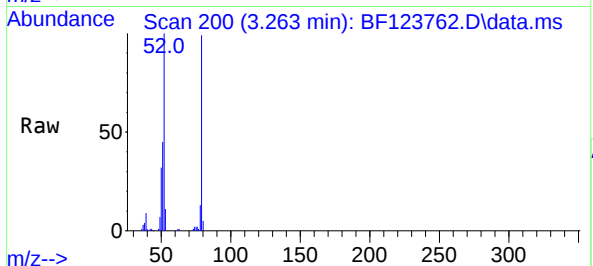
mohammad

5/3/2021 10:47:47 AM



#3
Pyridine
Concen: 10.19 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

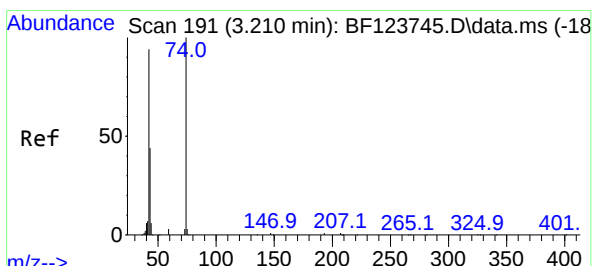
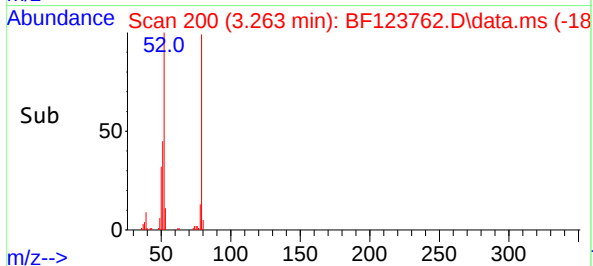
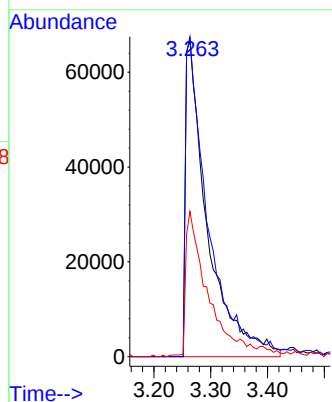


Tgt Ion: 79 Resp: 177947
Ion Ratio Lower Upper
79 100
52 101.2 87.4 131.0
51 45.9 41.4 62.0

Manual Integrations
APPROVED

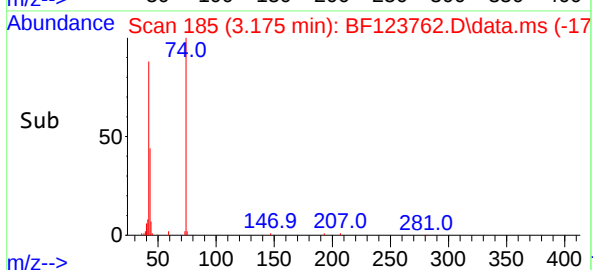
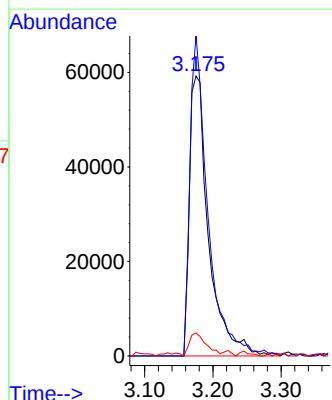
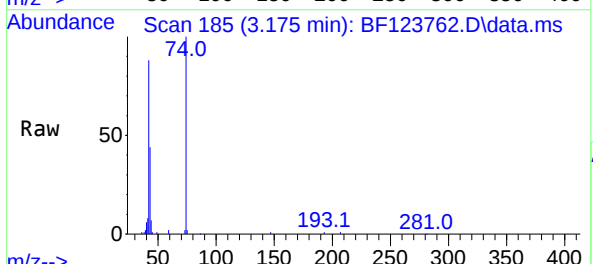
mohammad

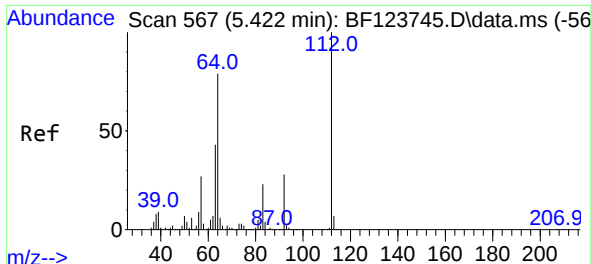
5/3/2021 10:47:47 AM



#4
n-Nitrosodimethylamine
Concen: 11.95 ng
RT: 3.175 min Scan# 185
Delta R.T. -0.035 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

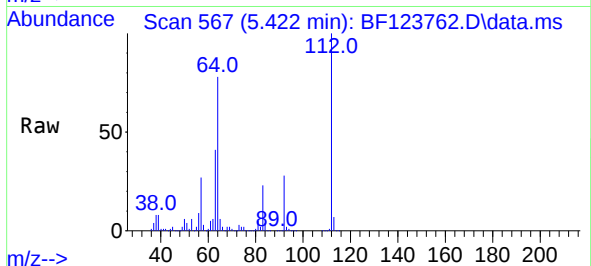
Tgt Ion: 42 Resp: 115004
Ion Ratio Lower Upper
42 100
74 114.3 83.5 125.3
44 8.2 5.7 8.5





#5
2-Fluorophenol
Concen: 87.70 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

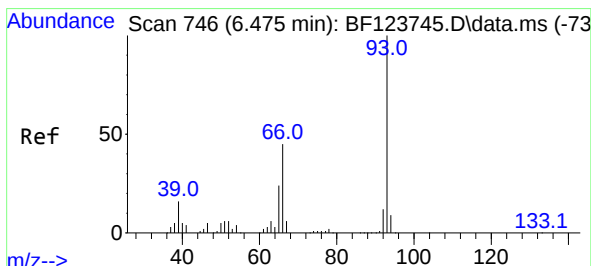
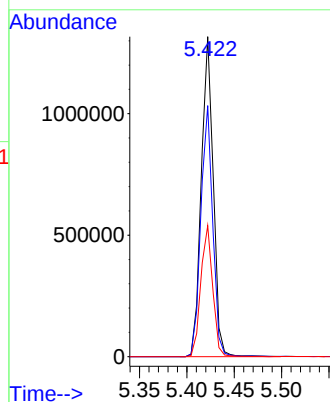


Tgt Ion:112 Resp: 1163407
Ion Ratio Lower Upper
112 100
64 78.5 61.4 92.0
63 40.9 33.0 49.4

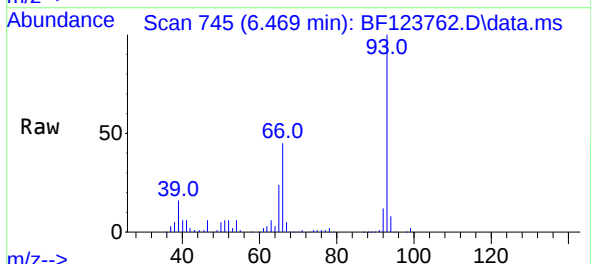
Manual Integrations
APPROVED

mohammad

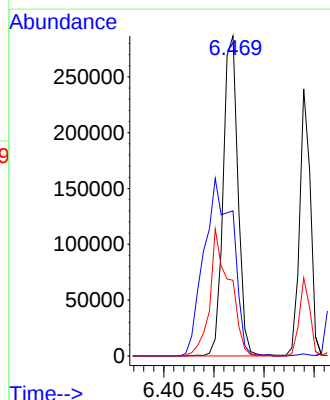
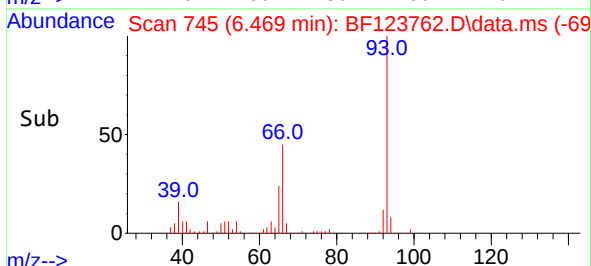
5/3/2021 10:47:47 AM

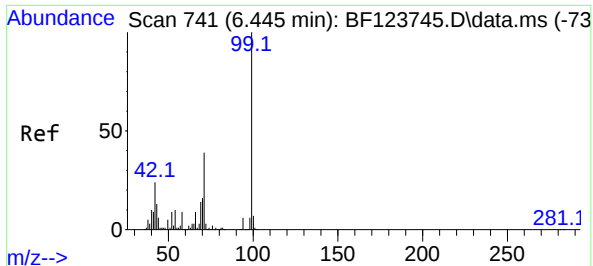


#6
Aniline
Concen: 13.90 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



Tgt Ion: 93 Resp: 293724
Ion Ratio Lower Upper
93 100
66 45.3 36.4 54.6
65 23.7 19.4 29.0





#7
Phenol-d6
Concen: 87.17 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion: 99 Resp: 1593015

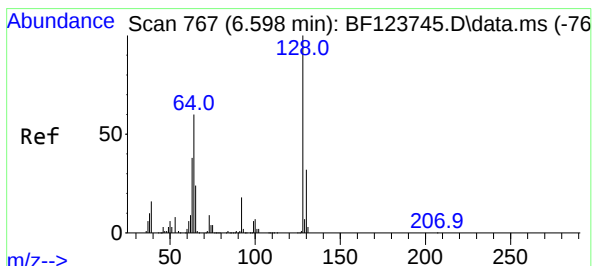
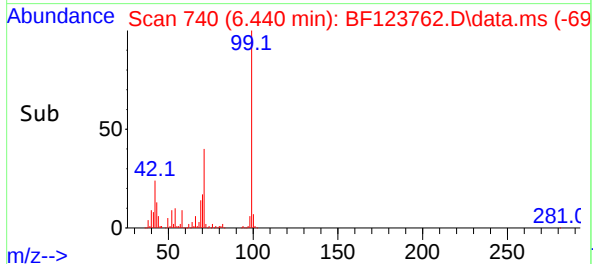
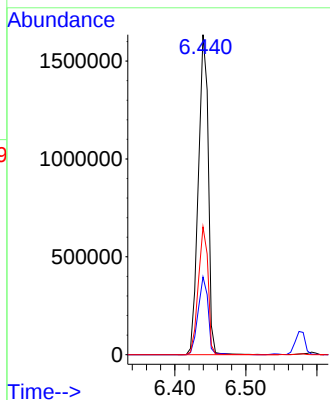
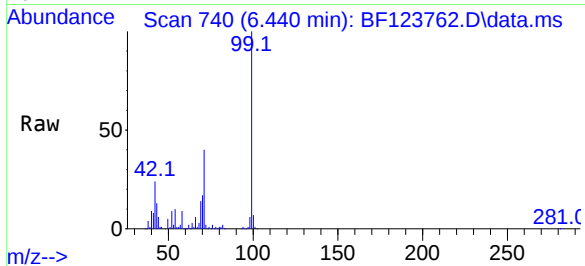
Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.8	29.8
71	40.0	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

mohammad

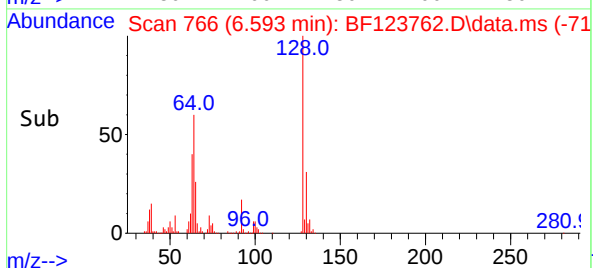
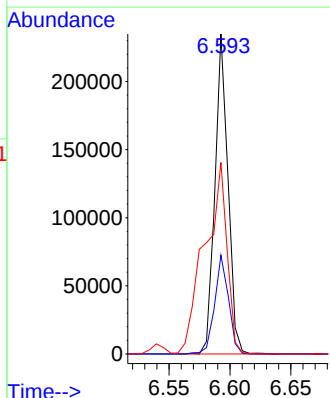
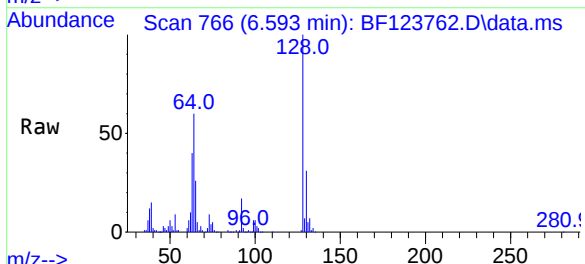
5/3/2021 10:47:47 AM

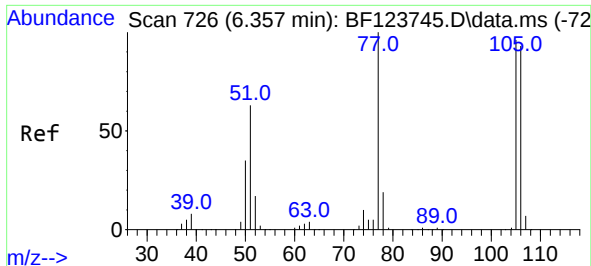


#8
2-Chlorophenol
Concen: 12.25 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion: 128 Resp: 174795

Ion	Ratio	Lower	Upper
128	100		
130	30.9	12.6	52.6
64	59.9	41.5	81.5





#9
Benzaldehyde
Concen: 18.65 ng
RT: 6.351 min Scan# 725
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

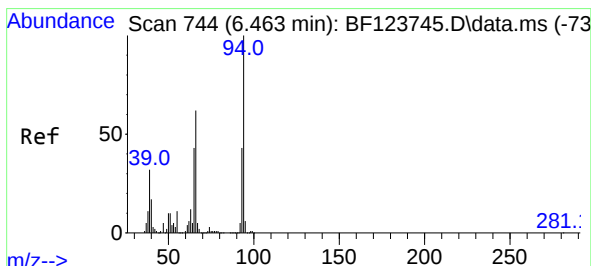
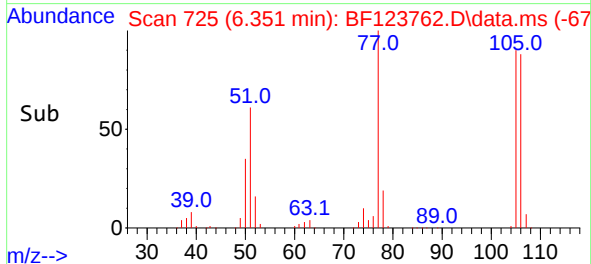
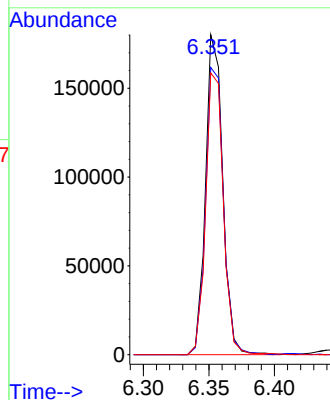
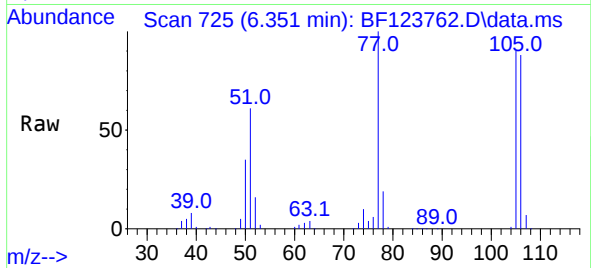
Tgt Ion:	77	Resp:	164956
Ion Ratio	Lower	Upper	
77	100		
105	89.8	75.2	115.2
106	88.1	71.6	111.6

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

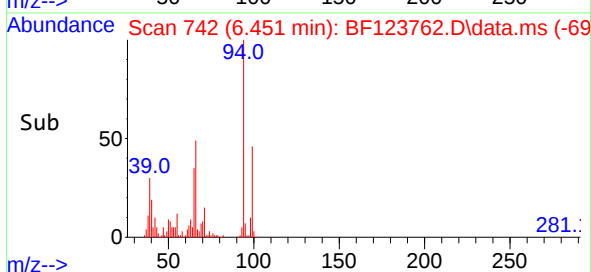
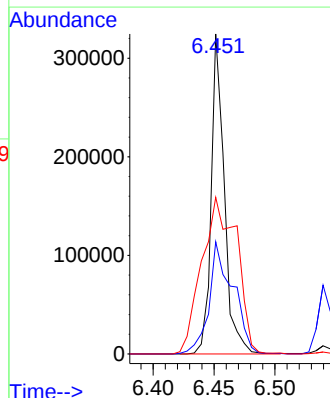
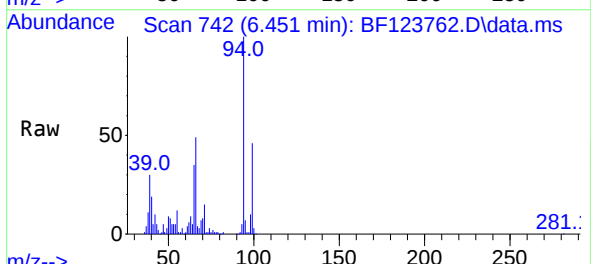
mohammad

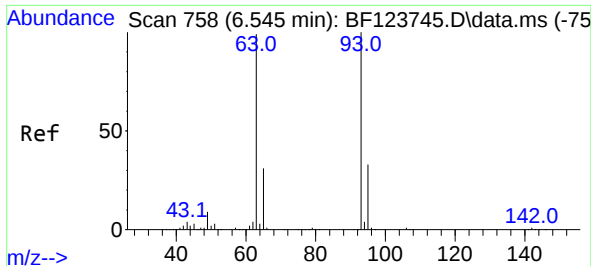
5/3/2021 10:47:47 AM



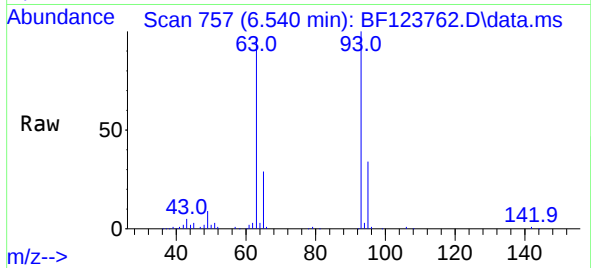
#10
Phenol
Concen: 12.34 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:	94	Resp:	242287
Ion Ratio	Lower	Upper	
94	100		
65	35.1	18.1	58.1
66	49.0	29.0	69.0

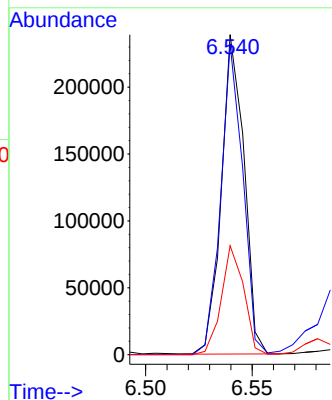




#11
bis(2-Chloroethyl)ether
Concen: 12.32 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



Tgt Ion: 93 Resp: 176540
Ion Ratio Lower Upper
93 100
63 97.1 76.1 116.1
95 34.0 11.5 51.5

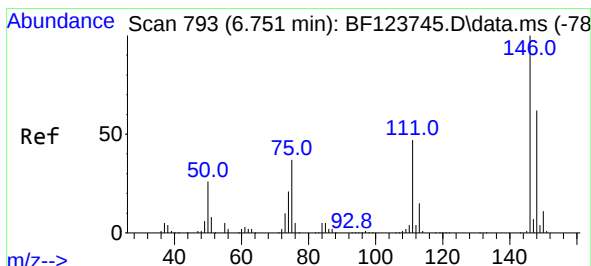
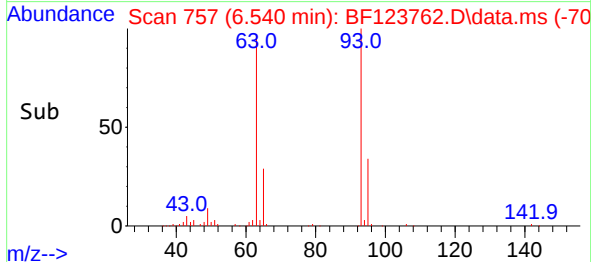


Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

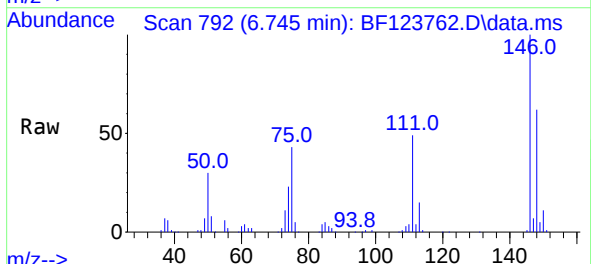
Manual Integrations
APPROVED

mohammad

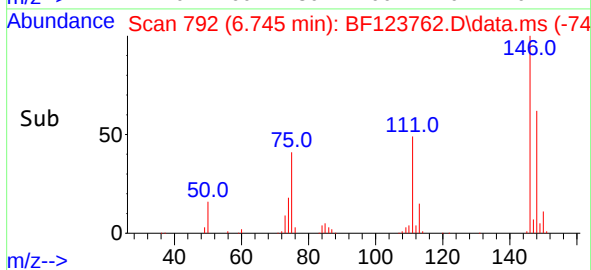
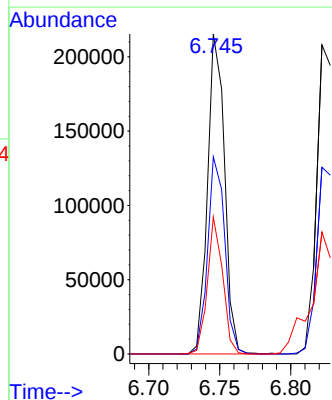
5/3/2021 10:47:47 AM

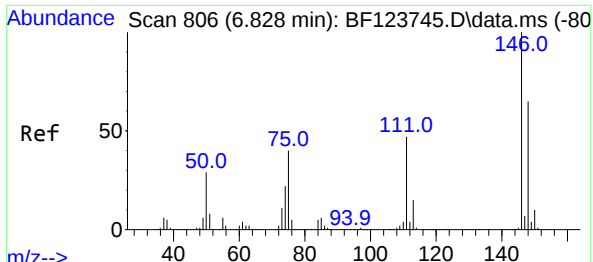


#12
1,3-Dichlorobenzene
Concen: 12.44 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



Tgt Ion:146 Resp: 179378
Ion Ratio Lower Upper
146 100
148 61.6 50.9 76.3
75 42.8 34.2 51.4





#13
1,4-Dichlorobenzene
Concen: 12.58 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

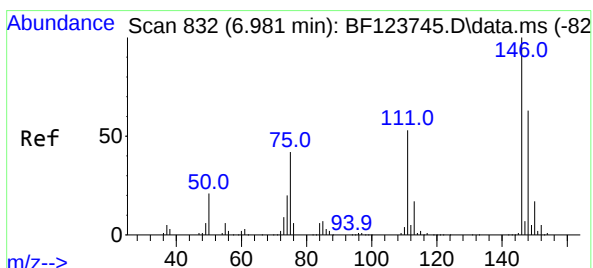
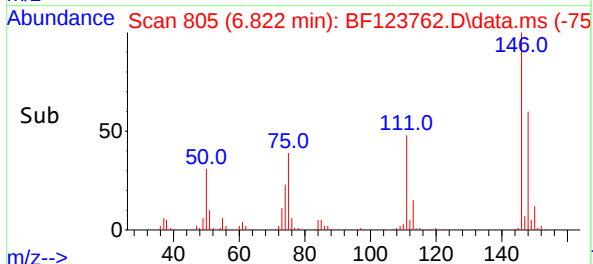
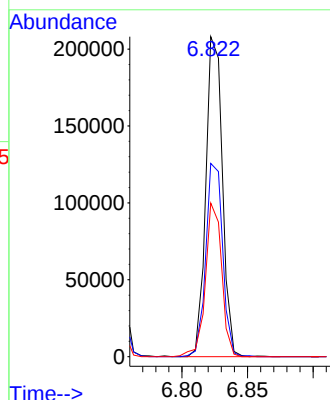
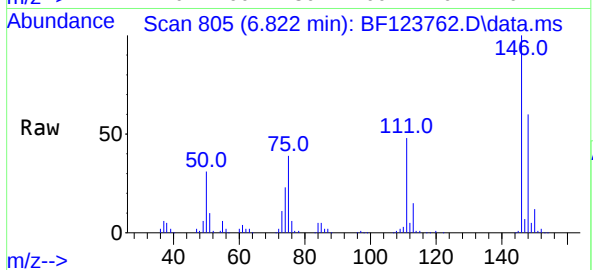
Tgt Ion:146 Resp: 183551
Ion Ratio Lower Upper
146 100
148 60.4 49.9 74.9
111 48.0 39.5 59.3

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

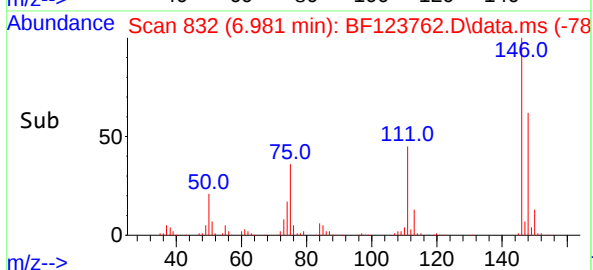
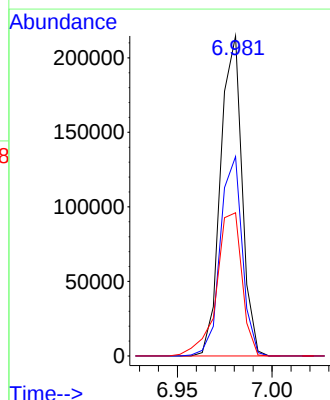
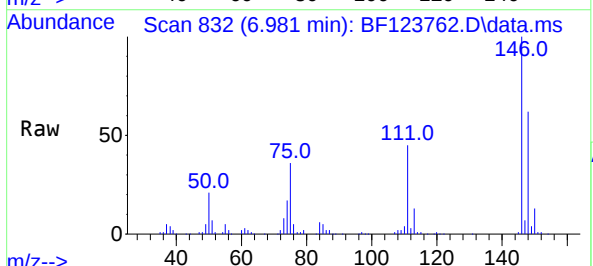
mohammad

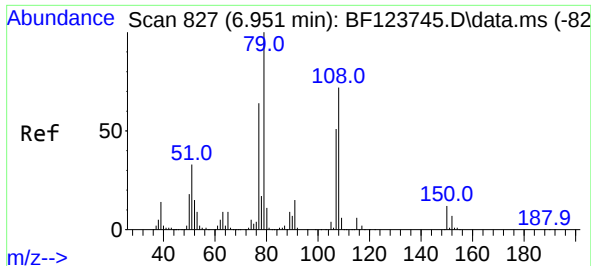
5/3/2021 10:47:47 AM



#14
1,2-Dichlorobenzene
Concen: 11.93 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:146 Resp: 168924
Ion Ratio Lower Upper
146 100
148 62.3 51.6 77.4
111 44.8 38.4 57.6





#15
Benzyl Alcohol
Concen: 12.74 ng
RT: 6.945 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

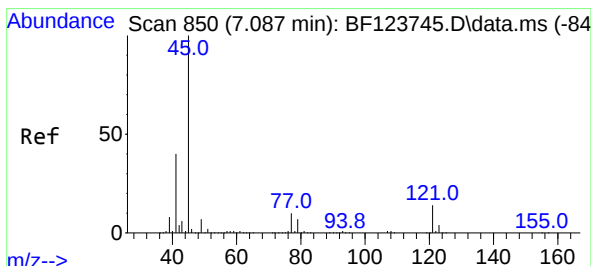
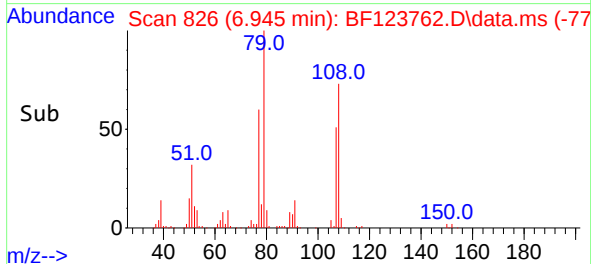
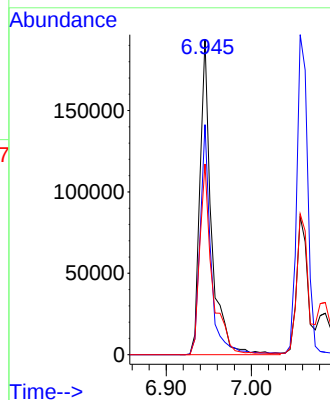
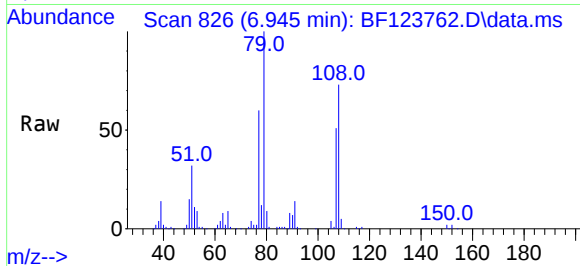
Tgt Ion:	79	Resp:	182489
Ion	Ratio	Lower	Upper
79	100		
108	72.9	55.8	83.8
77	60.4	49.9	74.9

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

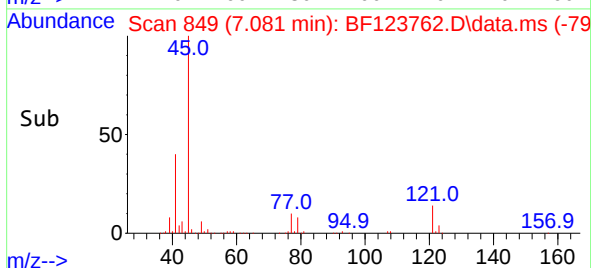
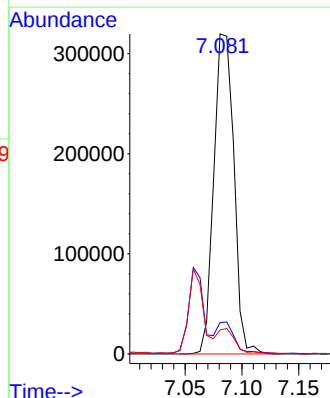
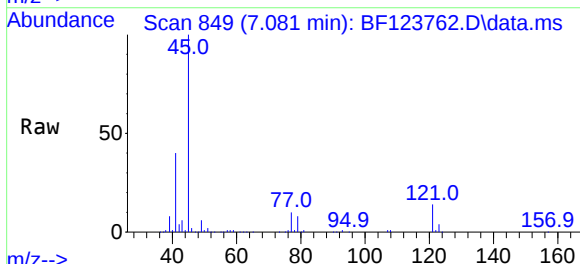
mohammad

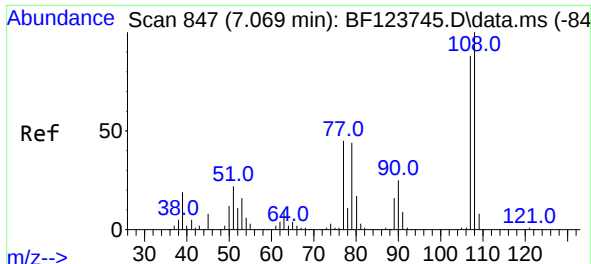
5/3/2021 10:47:47 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.89 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:	45	Resp:	392973
Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	30.0
79	7.5	0.0	27.3





#17
2-Methylphenol
Concen: 12.33 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

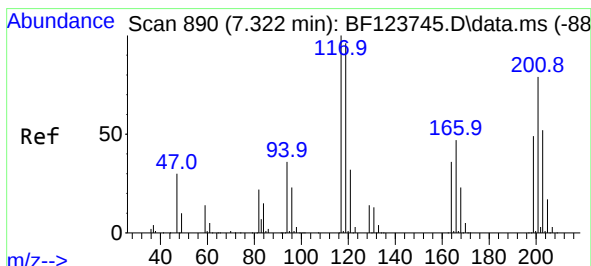
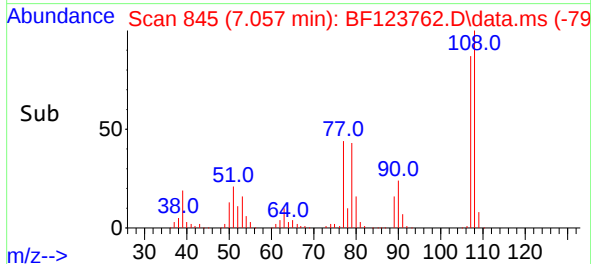
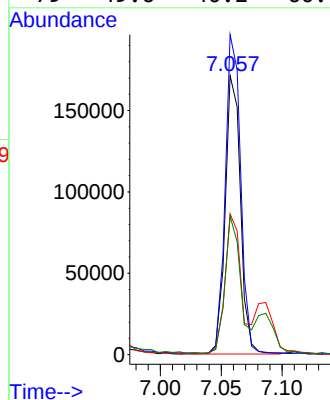
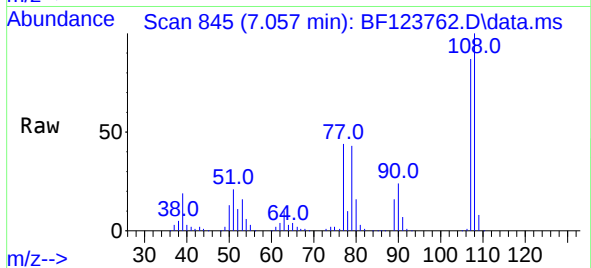
Tgt Ion:	107	Resp:	149879
Ion	Ratio	Lower	Upper
107	100		
108	114.7	89.8	134.8
77	50.4	40.9	61.3
79	49.6	40.2	60.4

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

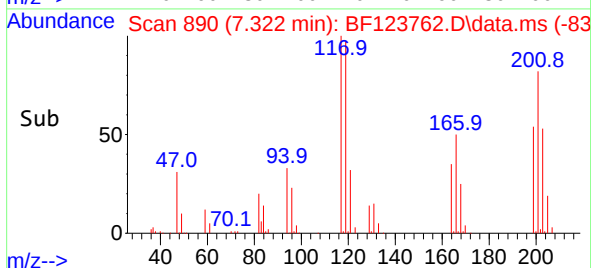
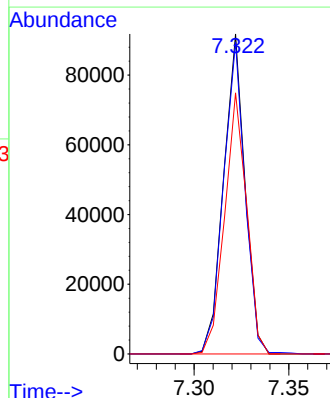
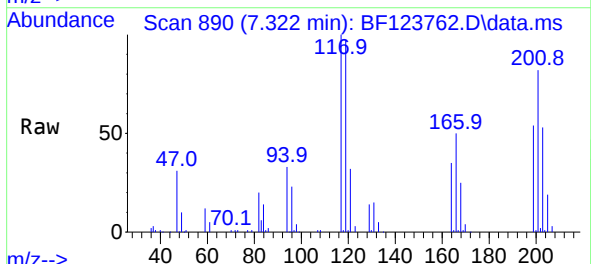
mohammad

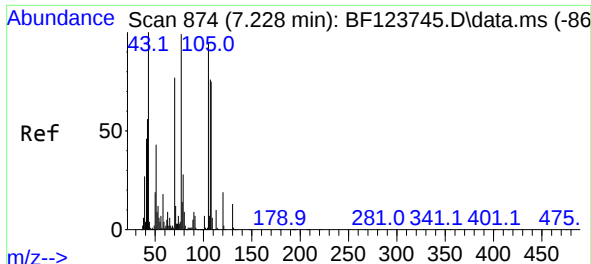
5/3/2021 10:47:47 AM



#18
Hexachloroethane
Concen: 12.52 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

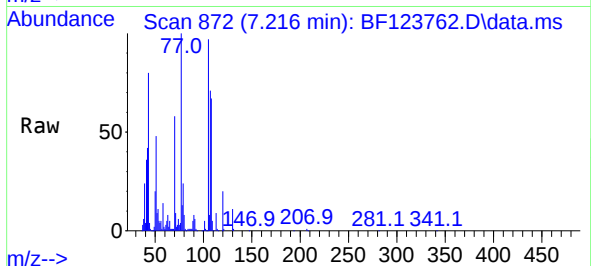
Tgt Ion:	117	Resp:	72306
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.8	116.8
201	81.6	67.8	101.8





#19
n-Nitroso-di-n-propylamine
Concen: 12.07 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021



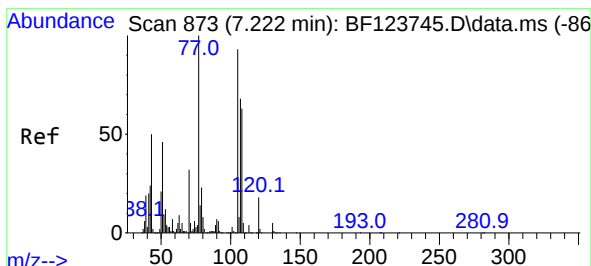
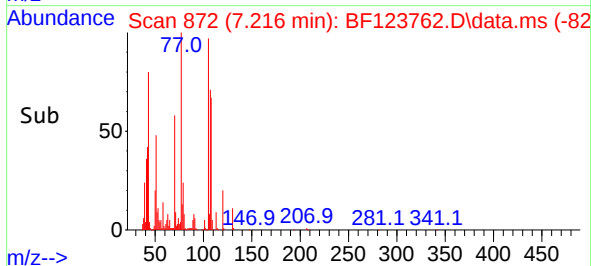
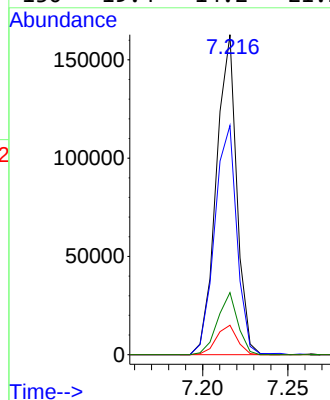
Tgt Ion: 70 Resp: 136216

Ion	Ratio	Lower	Upper
70	100		
42	71.6	60.1	90.1
101	9.2	7.4	11.2
130	19.4	14.2	21.2

Manual Integrations
APPROVED

mohammad

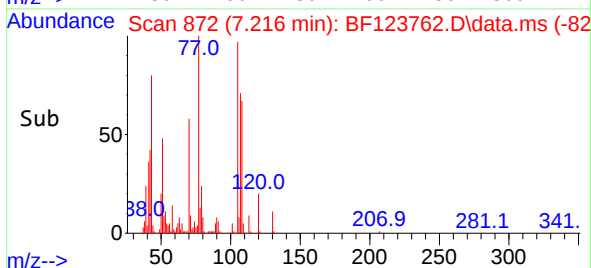
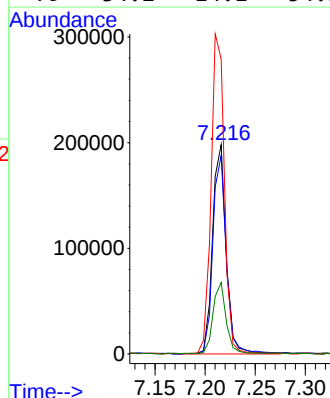
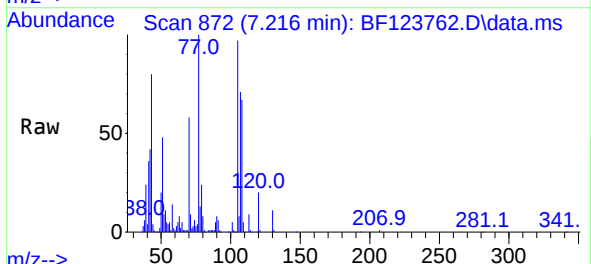
5/3/2021 10:47:47 AM

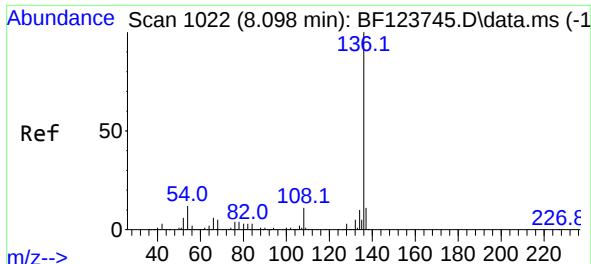


#20
3+4-Methylphenols
Concen: 12.12 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion: 107 Resp: 187510

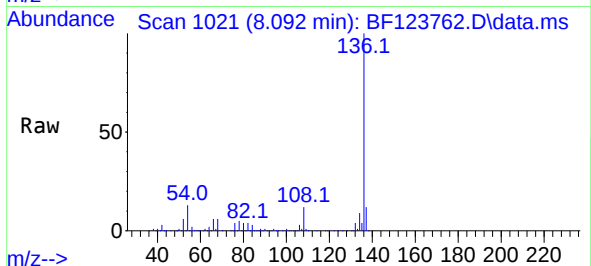
Ion	Ratio	Lower	Upper
107	100		
108	94.8	71.5	111.5
77	141.0	82.0	122.0#
79	34.2	14.1	54.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021



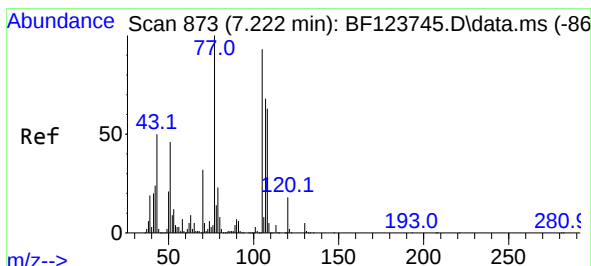
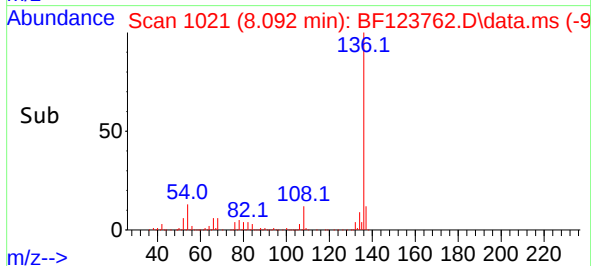
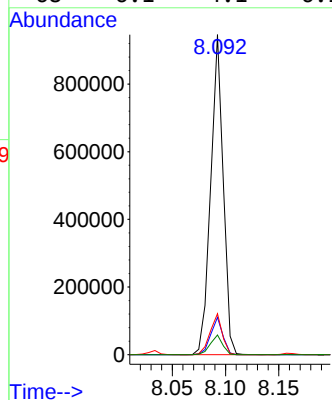
Tgt Ion:136 Resp: 773200

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	12.8	9.8	14.6
68	6.1	4.1	6.1#

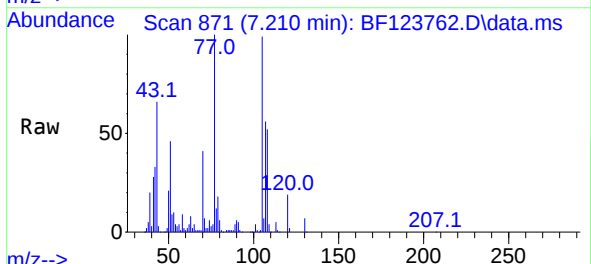
Manual Integrations
APPROVED

mohammad

5/3/2021 10:47:47 AM

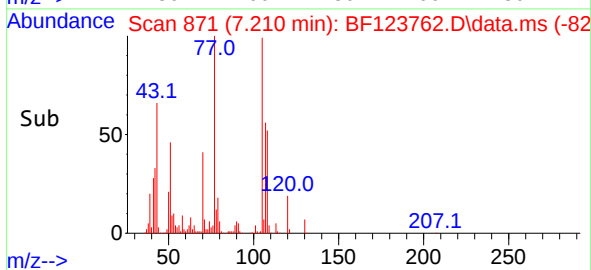
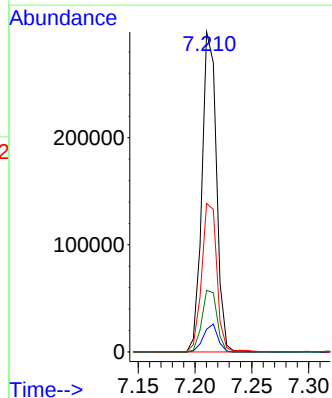


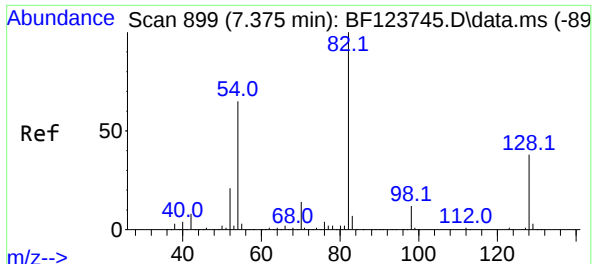
#22
Acetophenone
Concen: 12.68 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



Tgt Ion:105 Resp: 266527

Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.2	6.4#
51	46.4	33.6	50.4
120	19.2	16.3	24.5





#23
Nitrobenzene-d5
Concen: 60.72 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

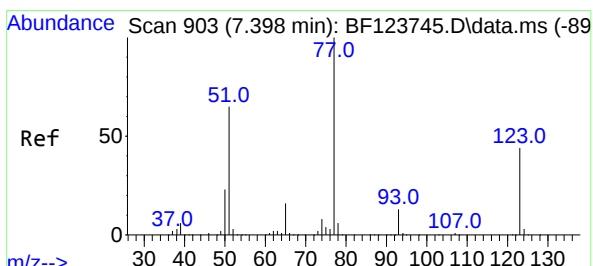
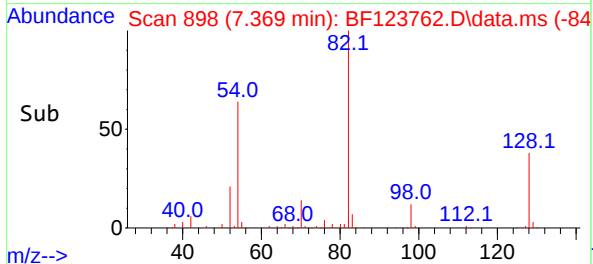
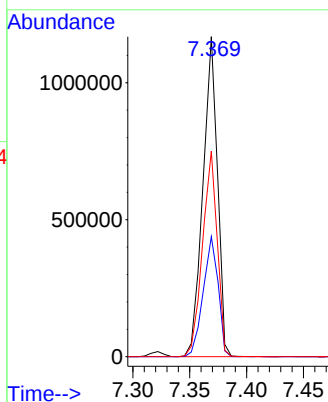
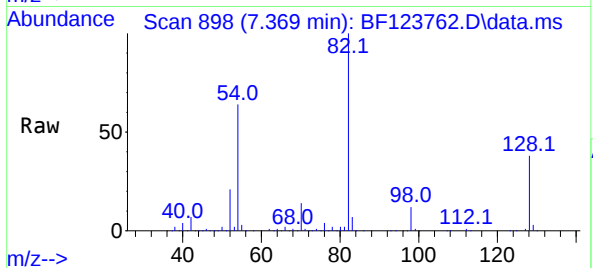
Tgt Ion: 82 Resp: 1040055
Ion Ratio Lower Upper
82 100
128 37.5 29.4 44.2
54 64.3 54.1 81.1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

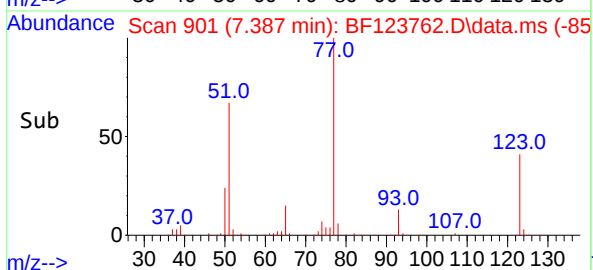
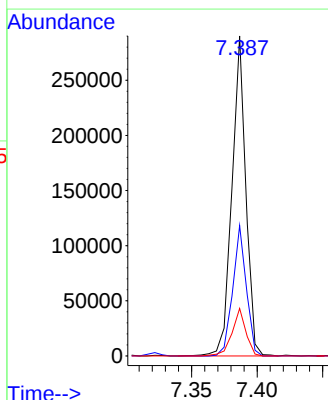
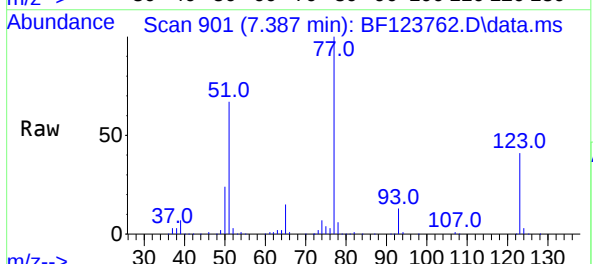
mohammad

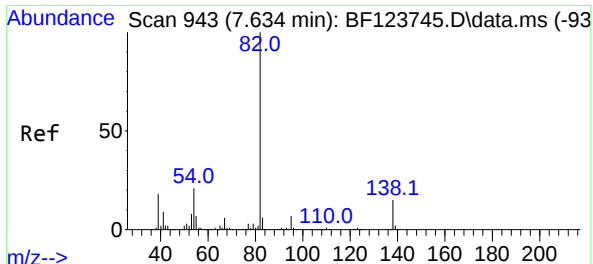
5/3/2021 10:47:47 AM



#24
Nitrobenzene
Concen: 12.03 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion: 77 Resp: 214703
Ion Ratio Lower Upper
77 100
123 40.7 34.5 51.7
65 14.9 12.2 18.2





#25
Isophorone
Concen: 11.34 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

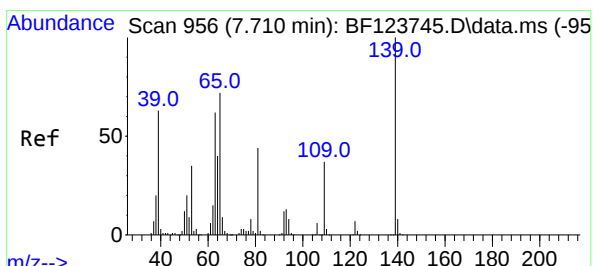
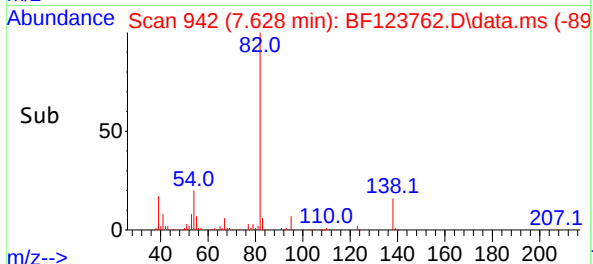
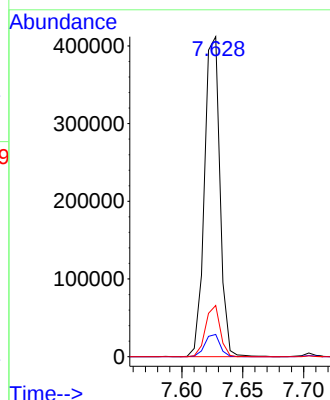
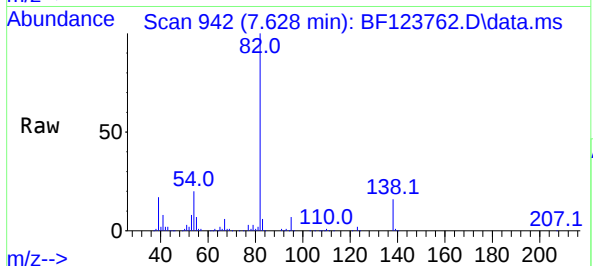
Tgt Ion:	82	Resp:	364077
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	16.0	11.8	17.8

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

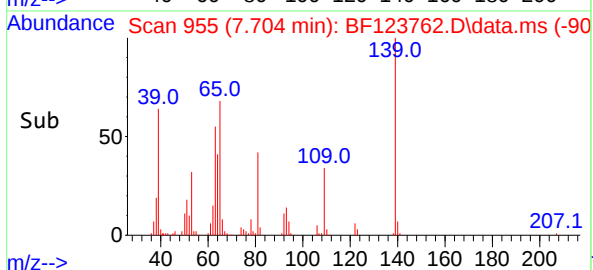
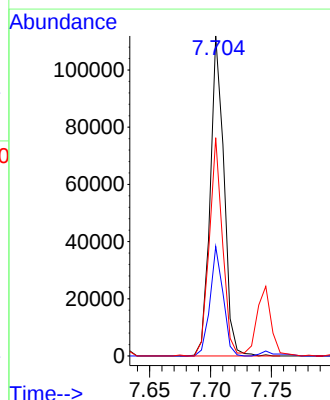
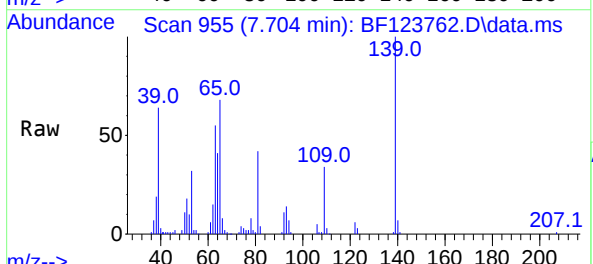
mohammad

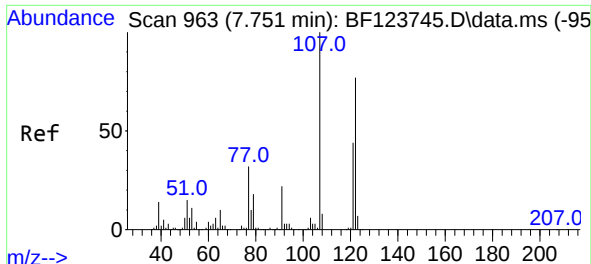
5/3/2021 10:47:47 AM



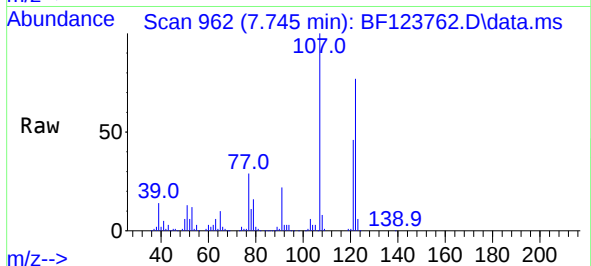
#26
2-Nitrophenol
Concen: 12.06 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:	139	Resp:	87803
Ion	Ratio	Lower	Upper
139	100		
109	34.2	28.6	43.0
65	68.2	56.8	85.2

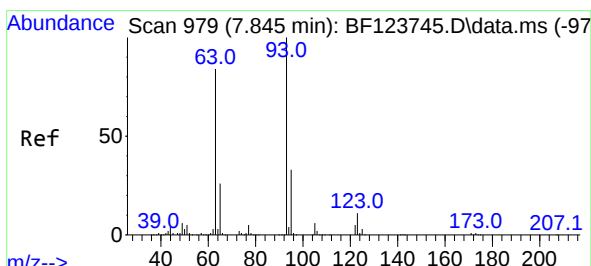
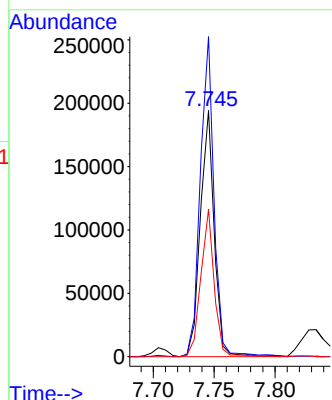
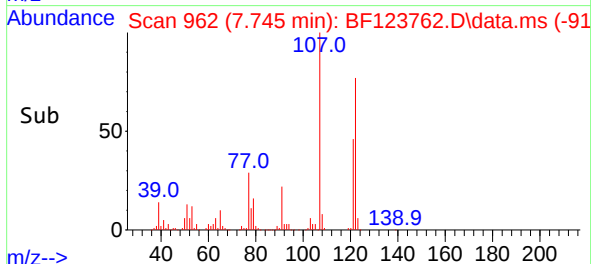




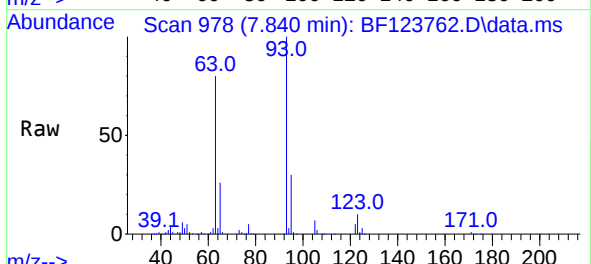
#27
2,4-Dimethylphenol
Concen: 13.49 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



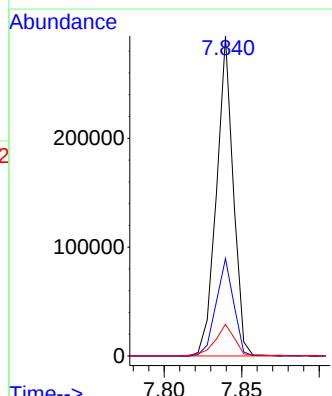
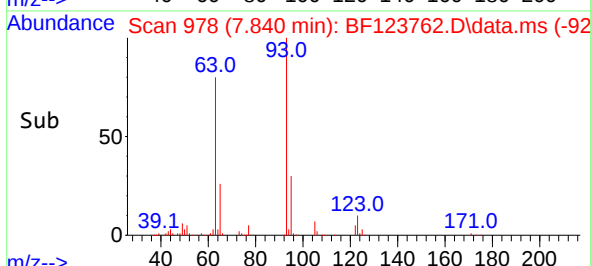
Tgt Ion:122 Resp: 154271
Ion Ratio Lower Upper
122 100
107 130.1 106.3 159.5
121 59.9 45.4 68.0



#28
bis(2-Chloroethoxy)methane
Concen: 13.51 ng
RT: 7.840 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



Tgt Ion: 93 Resp: 221104
Ion Ratio Lower Upper
93 100
95 30.5 26.5 39.7
123 9.9 8.4 12.6

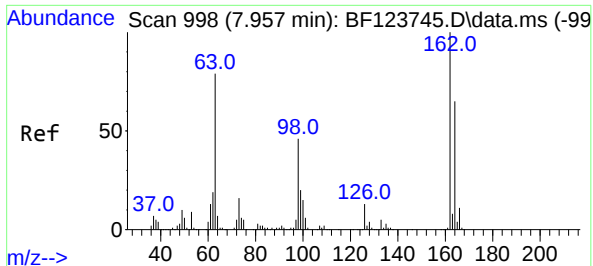


Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

mohammad

5/3/2021 10:47:47 AM



#29

2,4-Dichlorophenol

Concen: 11.83 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF123762.D

Acq: 29 Apr 2021 13:45

Tgt Ion:	162	Resp:	133354
Ion Ratio	Lower	Upper	
162	100		
164	64.3	44.1	84.1
98	41.9	27.3	67.3

Instrument :

BNA_F

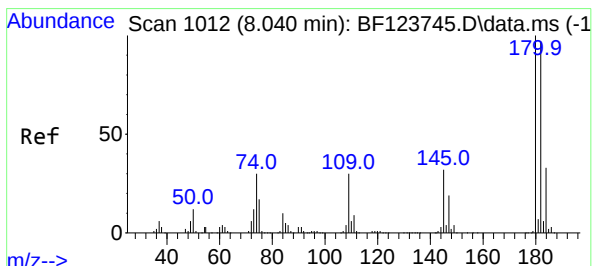
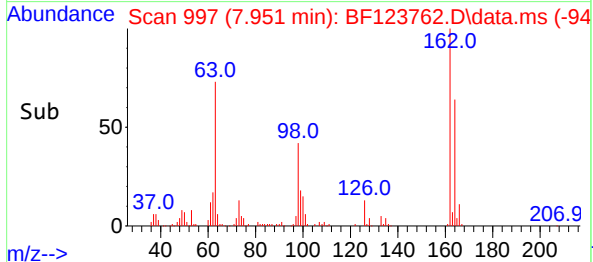
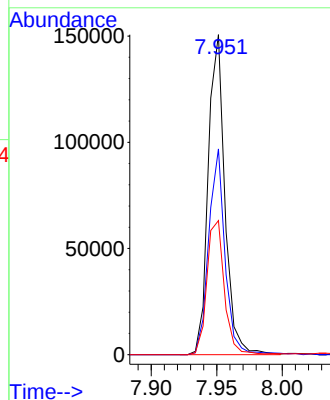
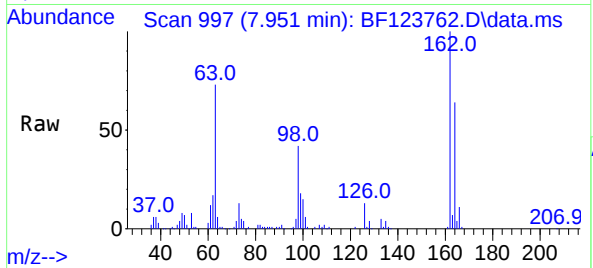
ClientSampleId :

LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

mohammad

5/3/2021 10:47:47 AM



#30

1,2,4-Trichlorobenzene

Concen: 12.64 ng

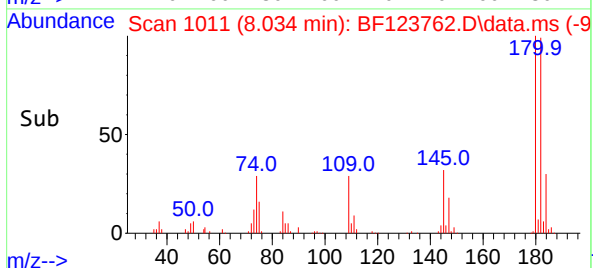
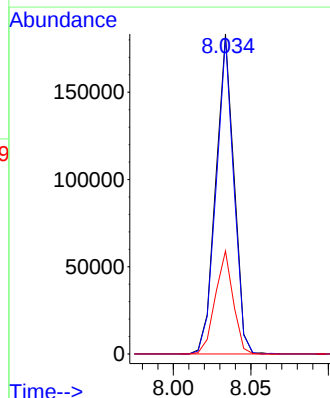
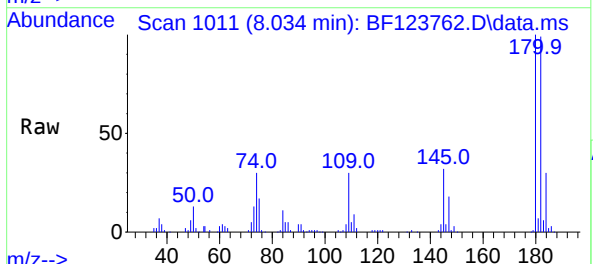
RT: 8.034 min Scan# 1011

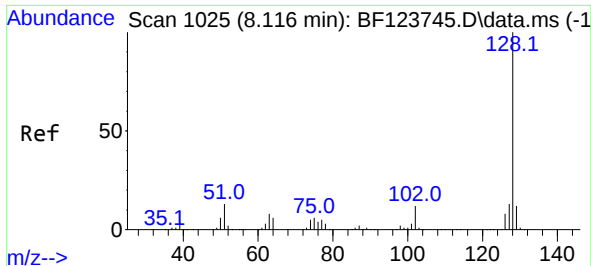
Delta R.T. -0.006 min

Lab File: BF123762.D

Acq: 29 Apr 2021 13:45

Tgt Ion:	180	Resp:	149264
Ion Ratio	Lower	Upper	
180	100		
182	98.8	77.2	115.8
145	32.2	26.0	39.0





#31
Naphthalene
Concen: 12.70 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

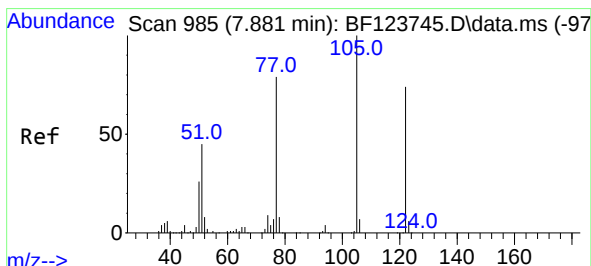
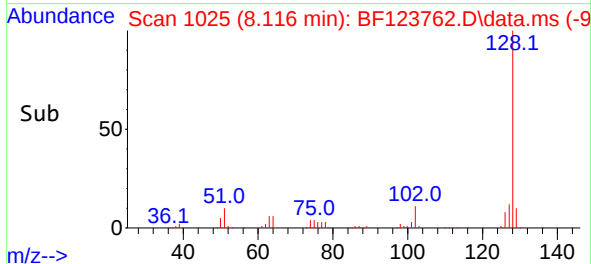
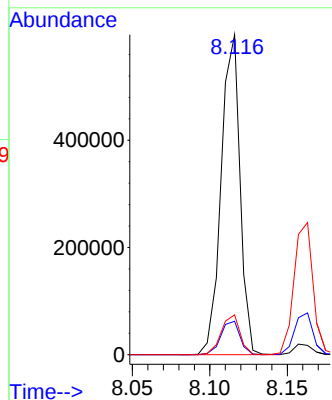
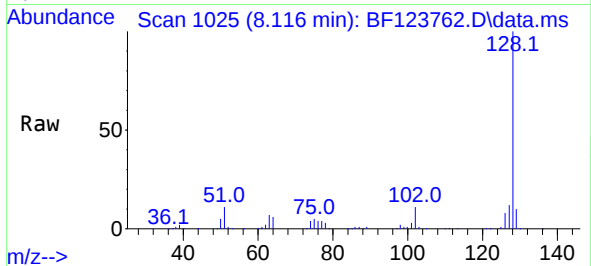
Tgt Ion:128 Resp: 505818
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 12.4 10.8 16.2

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

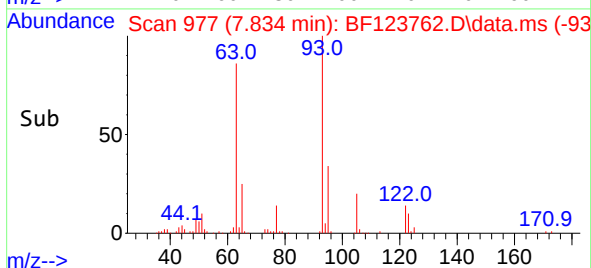
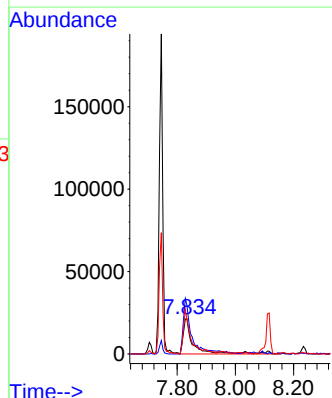
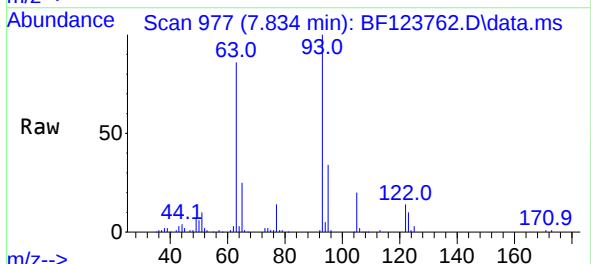
mohammad

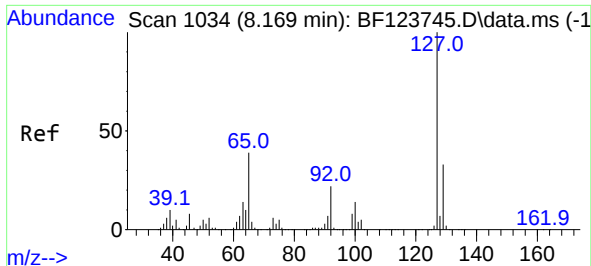
5/3/2021 10:47:47 AM



#32
Benzoic acid
Concen: 7.14 ng m
RT: 7.834 min Scan# 977
Delta R.T. -0.047 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:122 Resp: 51380
Ion Ratio Lower Upper
122 100
105 138.1 107.8 147.8
77 99.6 81.6 121.6





#33
4-Chloroaniline
Concen: 12.73 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

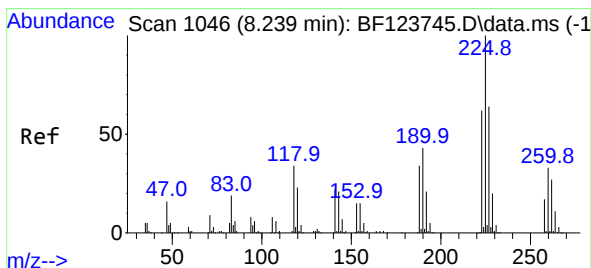
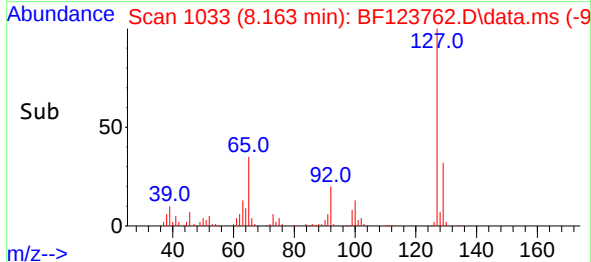
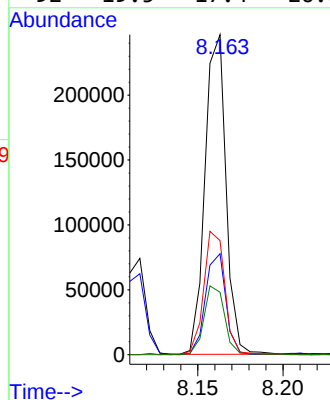
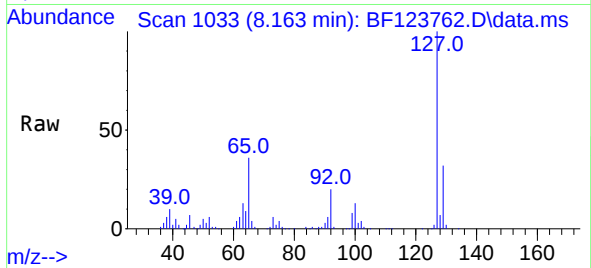
Tgt Ion:	127	Resp:	211458
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.7	38.5
65	35.6	34.5	51.7
92	19.5	17.4	26.0

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

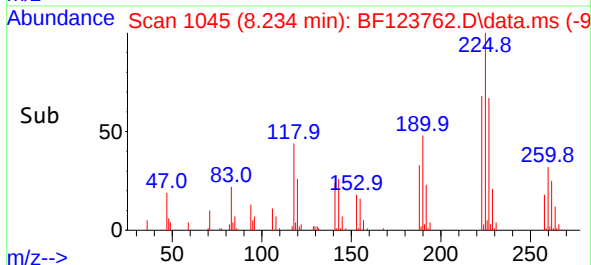
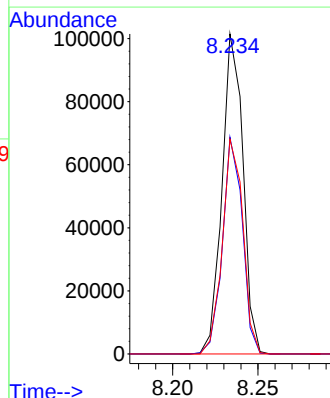
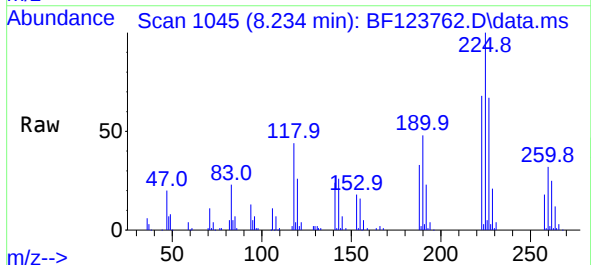
mohammad

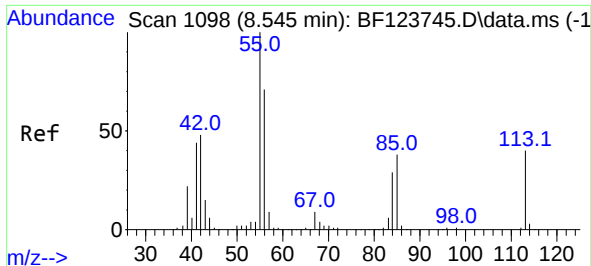
5/3/2021 10:47:47 AM



#34
Hexachlorobutadiene
Concen: 12.03 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:	225	Resp:	86640
Ion Ratio	Lower	Upper	
225	100		
223	67.7	50.4	75.6
227	67.1	51.4	77.0





#35
Caprolactam
Concen: 6.23 ng
RT: 8.492 min Scan# 1089
Delta R.T. -0.053 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

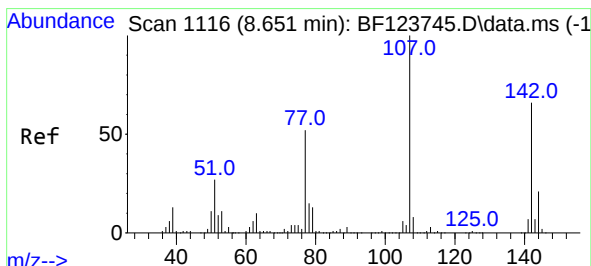
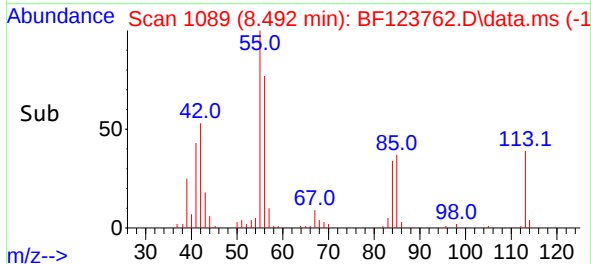
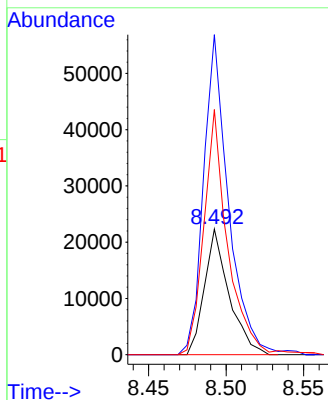
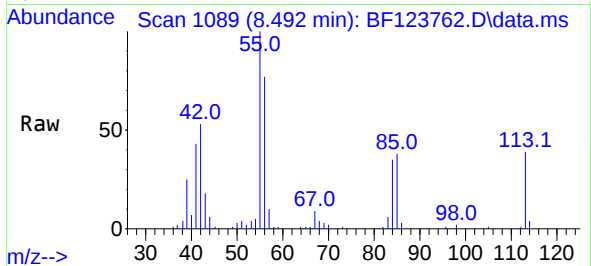
Tgt Ion:113 Resp: 24651
Ion Ratio Lower Upper
113 100
55 254.6 254.9 294.9#
56 195.0 179.4 219.4

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

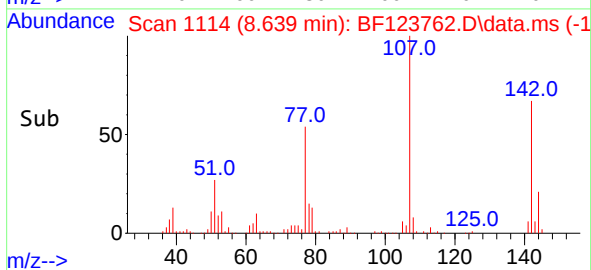
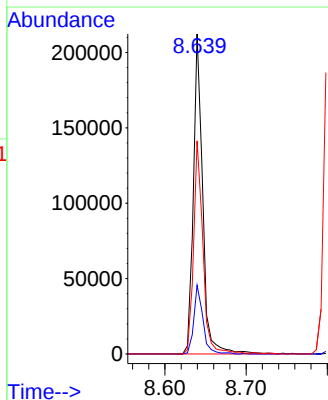
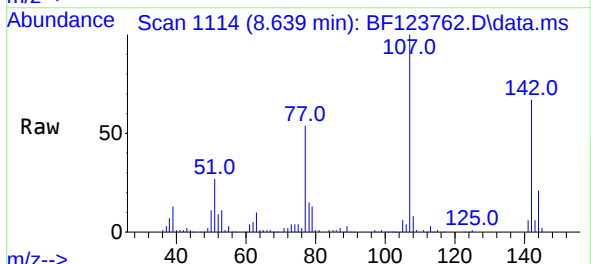
mohammad

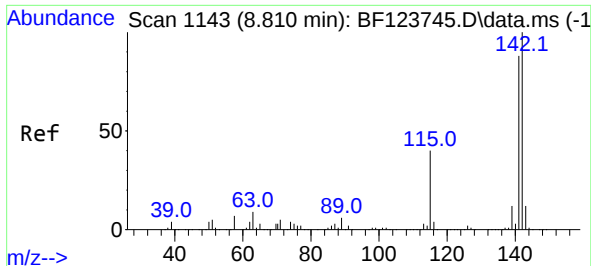
5/3/2021 10:47:47 AM



#36
4-Chloro-3-methylphenol
Concen: 12.15 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:107 Resp: 170838
Ion Ratio Lower Upper
107 100
144 21.4 16.3 24.5
142 66.6 50.1 75.1





#37
2-Methylnaphthalene
Concen: 12.70 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

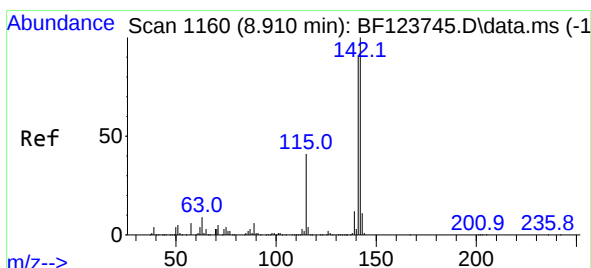
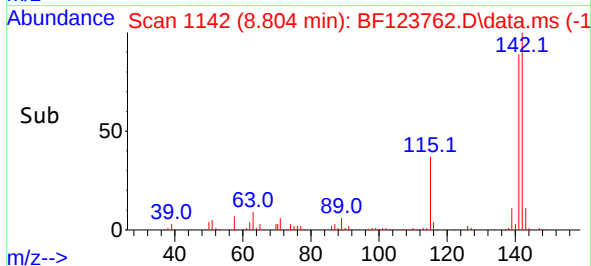
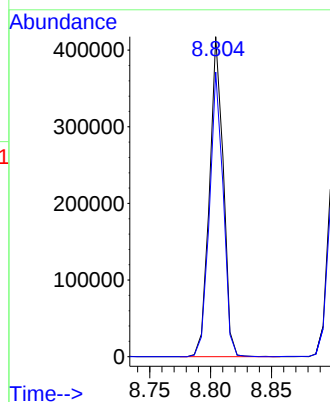
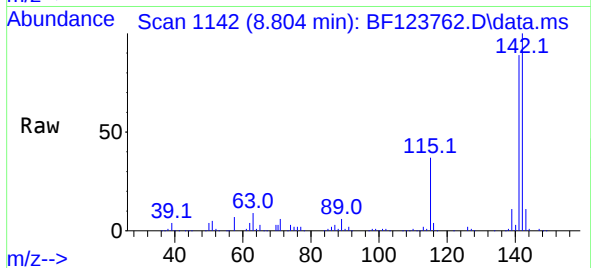
Tgt Ion:142 Resp: 329598
Ion Ratio Lower Upper
142 100
141 88.9 71.8 107.6

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

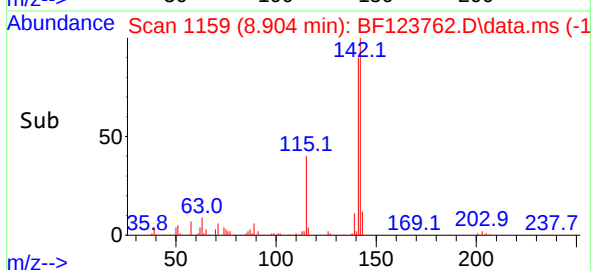
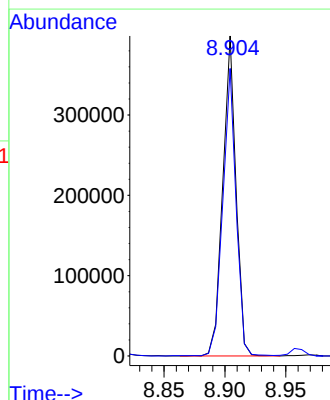
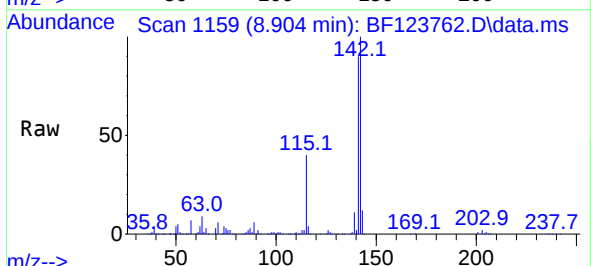
mohammad

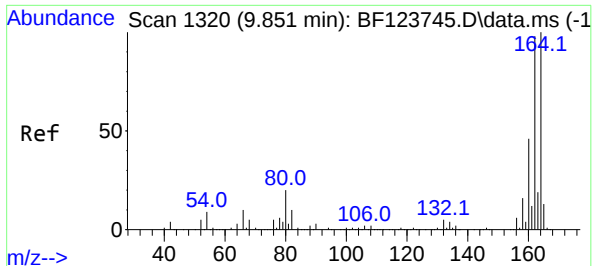
5/3/2021 10:47:47 AM



#38
1-Methylnaphthalene
Concen: 12.36 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:142 Resp: 301378
Ion Ratio Lower Upper
142 100
141 89.8 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF123762.D

Acq: 29 Apr 2021 13:45

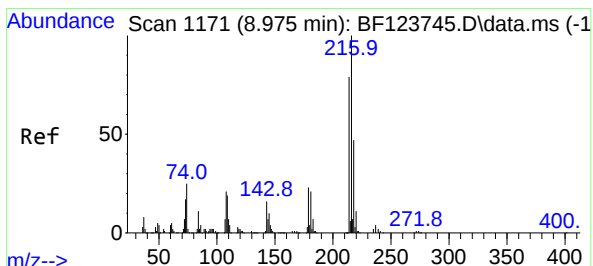
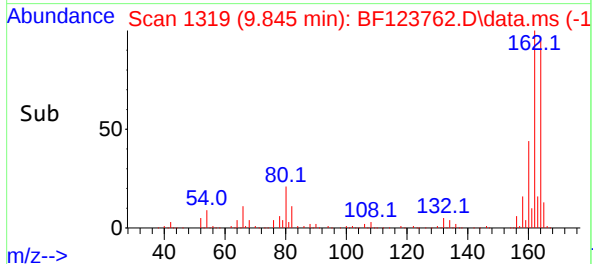
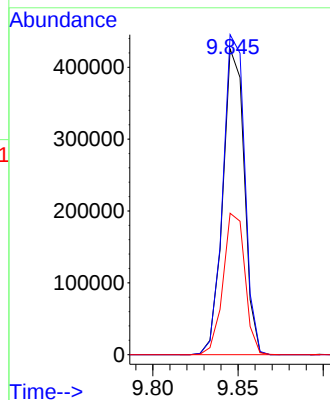
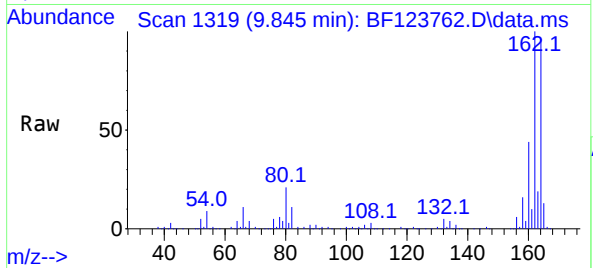
Tgt Ion:164 Resp: 373813

Ion Ratio Lower Upper

164 100

162 104.7 80.7 121.1

160 46.3 37.3 55.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 12.87 ng

RT: 8.969 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF123762.D

Acq: 29 Apr 2021 13:45

Tgt Ion:216 Resp: 141619

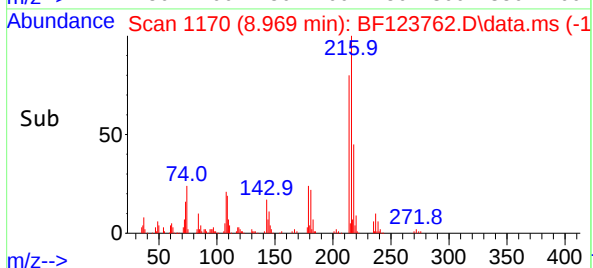
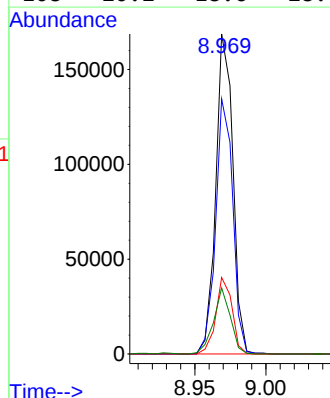
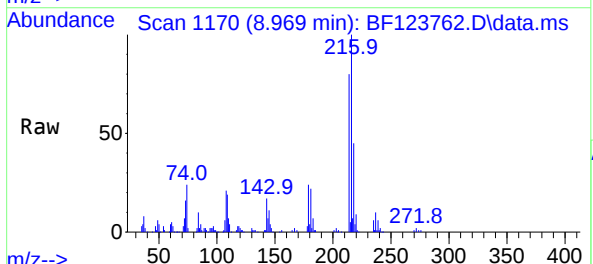
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 22.7 17.9 26.9

108 20.2 18.6 28.0



Instrument :

BNA_F

ClientSampleId :

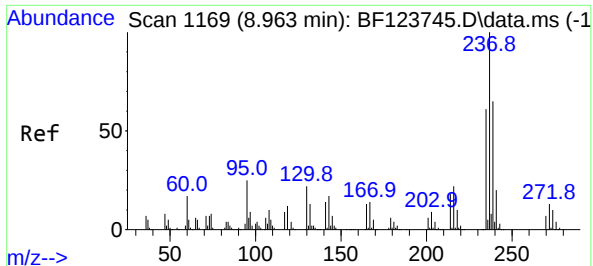
LOQ-SOIL-02-QT1-2021

Manual Integrations

APPROVED

mohammad

5/3/2021 10:47:47 AM



#41
Hexachlorocyclopentadiene
Concen: 11.86 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

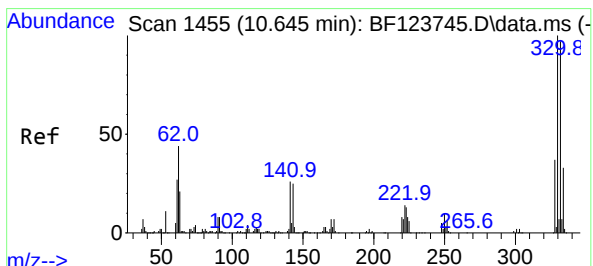
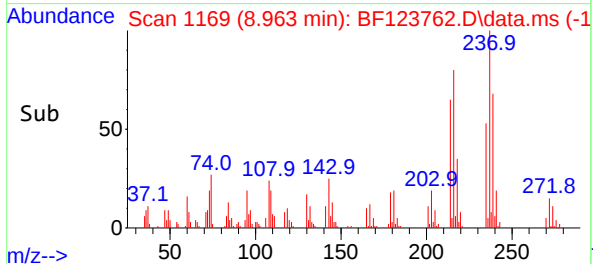
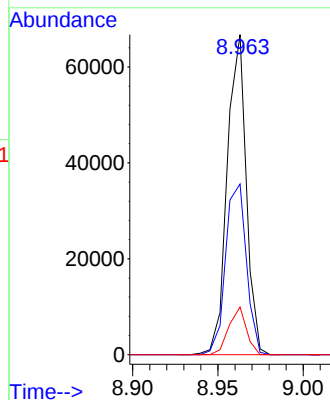
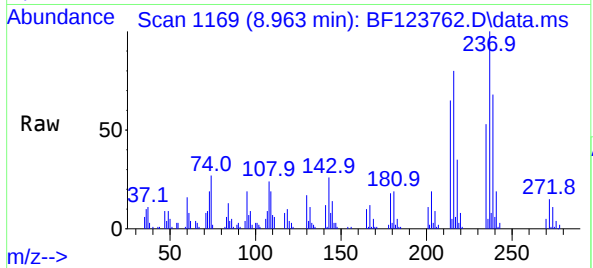
Tgt Ion:	237	Resp:	51762
Ion Ratio	Lower	Upper	
237	100		
235	53.4	38.8	78.8
272	14.9	0.0	32.4

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

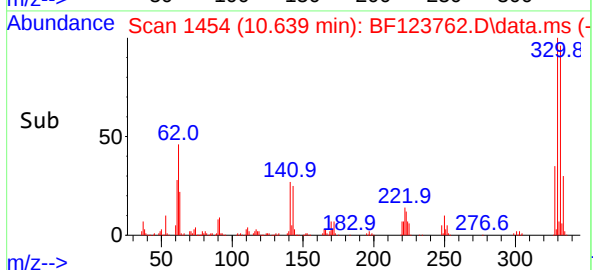
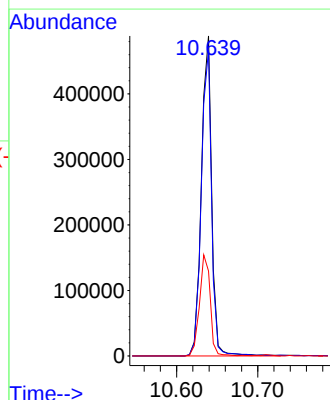
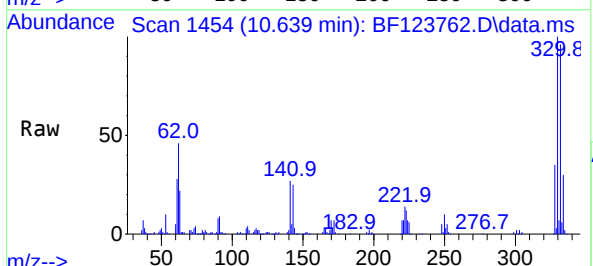
mohammad

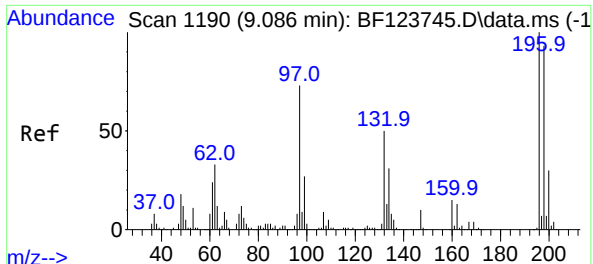
5/3/2021 10:47:47 AM



#42
2,4,6-Tribromophenol
Concen: 92.90 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:	330	Resp:	432293
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.1	115.7
141	32.8	27.9	41.9





#43
2,4,6-Trichlorophenol
Concen: 11.68 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

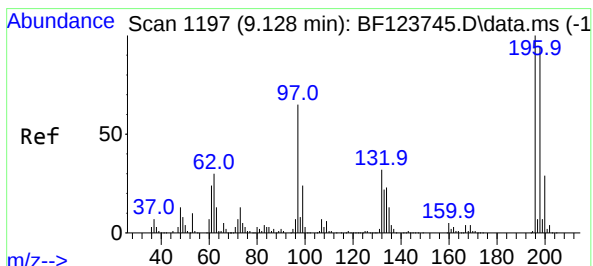
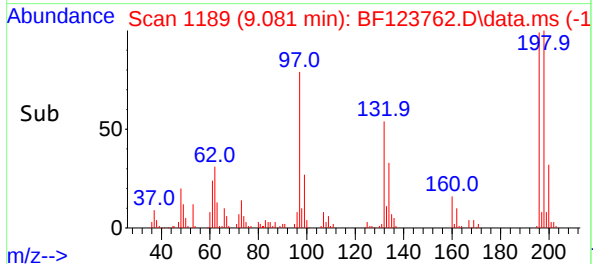
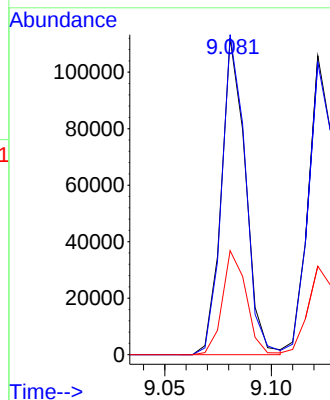
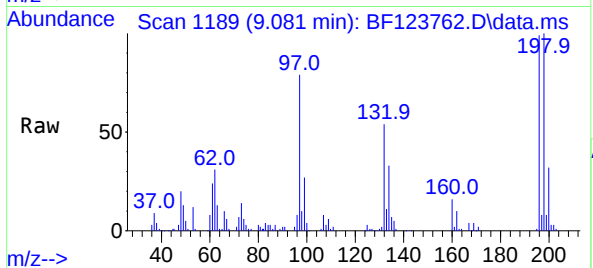
Tgt Ion:196 Resp: 88515
Ion Ratio Lower Upper
196 100
198 101.1 78.2 117.2
200 32.8 25.0 37.6

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

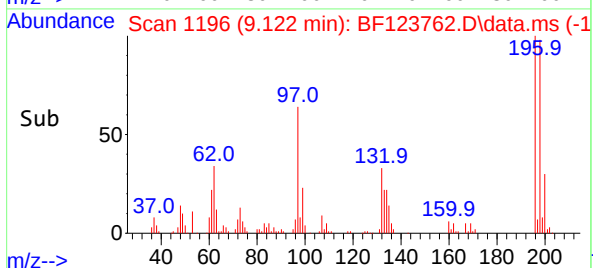
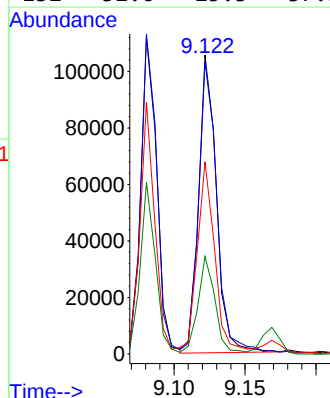
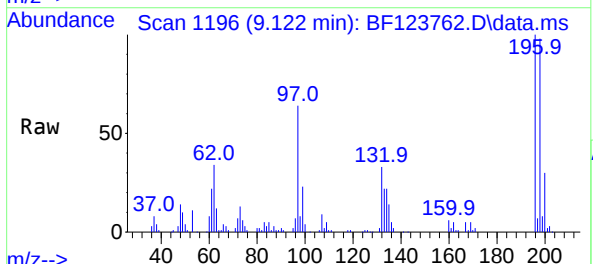
mohammad

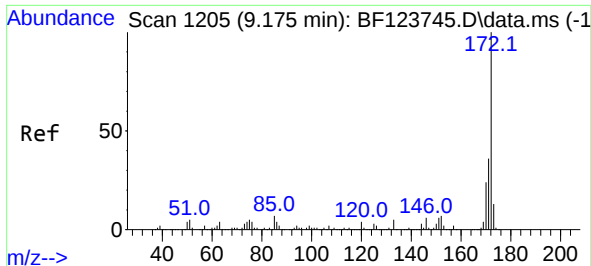
5/3/2021 10:47:47 AM



#44
2,4,5-Trichlorophenol
Concen: 11.32 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:196 Resp: 92051
Ion Ratio Lower Upper
196 100
198 97.7 76.5 114.7
97 64.3 52.9 79.3
132 32.6 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 63.42 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

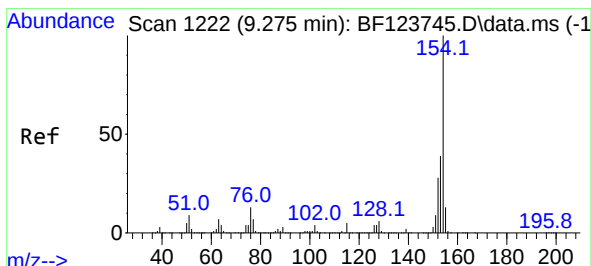
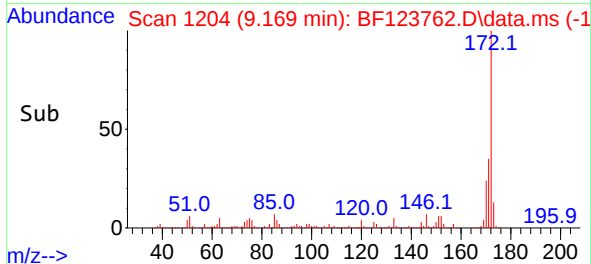
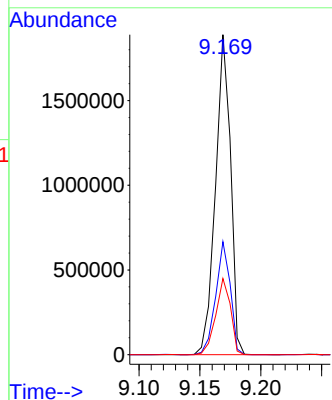
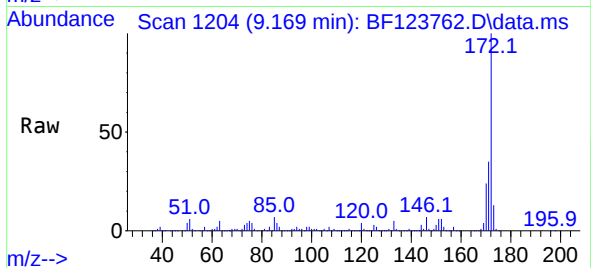
Tgt Ion:172 Resp: 1627950
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.8 19.2 28.8

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

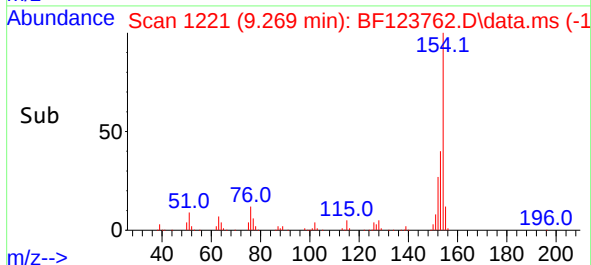
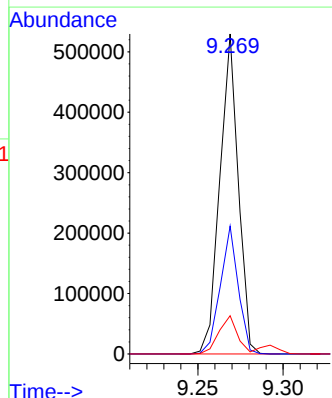
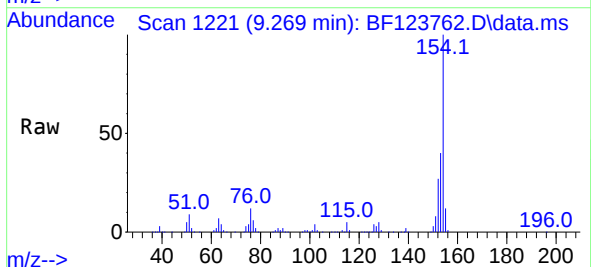
mohammad

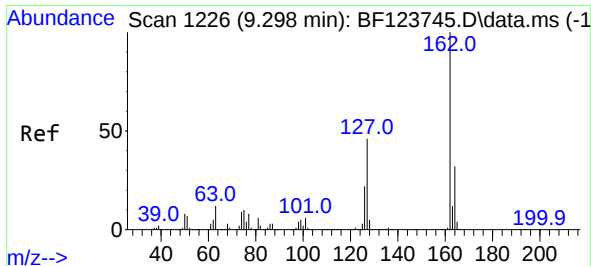
5/3/2021 10:47:47 AM



#46
1,1'-Biphenyl
Concen: 13.04 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:154 Resp: 399460
Ion Ratio Lower Upper
154 100
153 40.0 20.7 60.7
76 12.0 0.0 31.7





#47
2-Chloronaphthalene
Concen: 12.87 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

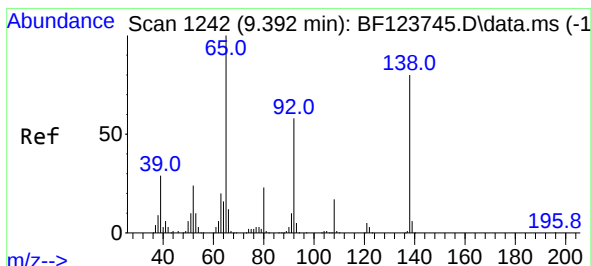
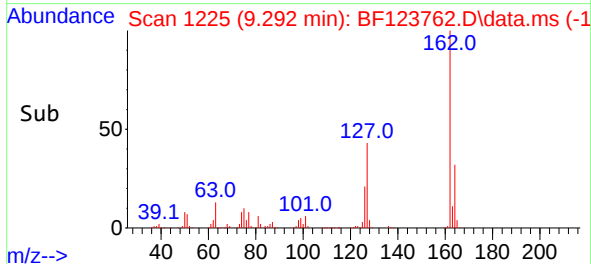
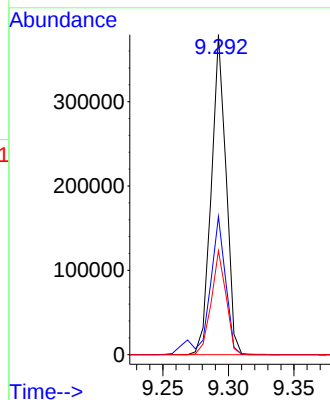
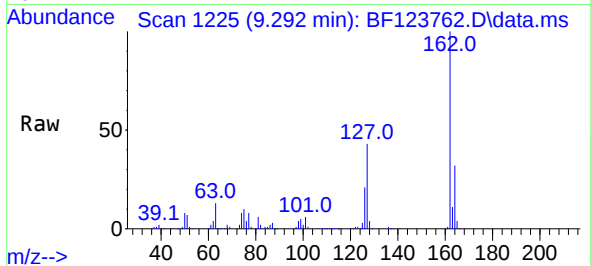
Tgt Ion:	162	Resp:	297116
Ion Ratio	Lower	Upper	
162	100		
127	43.2	36.2	54.2
164	32.4	25.4	38.2

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

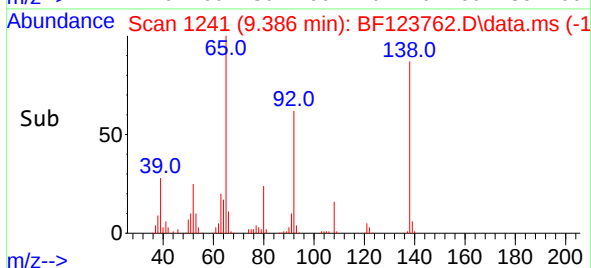
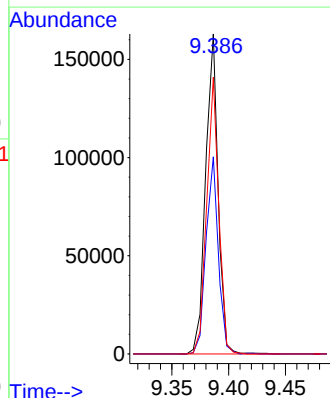
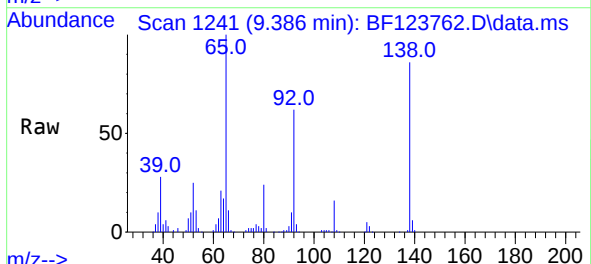
mohammad

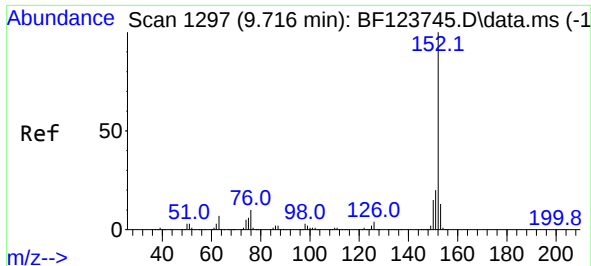
5/3/2021 10:47:47 AM



#48
2-Nitroaniline
Concen: 12.24 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:	65	Resp:	124459
Ion Ratio	Lower	Upper	
65	100		
92	61.6	47.1	70.7
138	86.5	70.2	105.2





#49
Acenaphthylene
Concen: 13.18 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

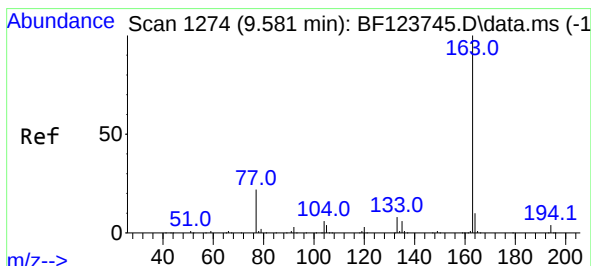
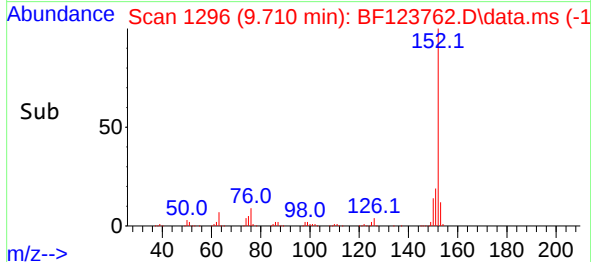
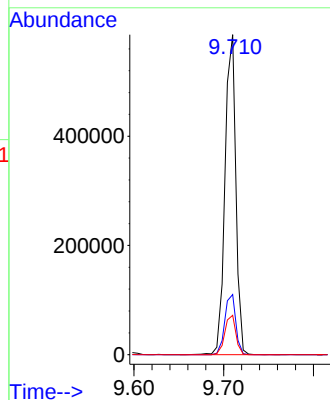
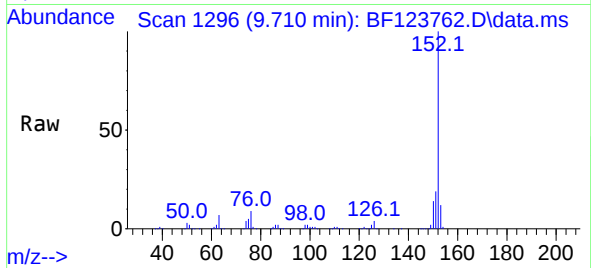
Tgt Ion:152 Resp: 491101
Ion Ratio Lower Upper
152 100
151 18.8 16.0 24.0
153 12.3 10.4 15.6

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

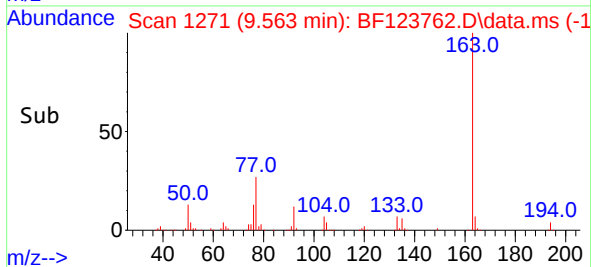
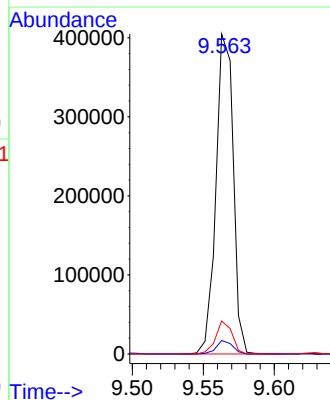
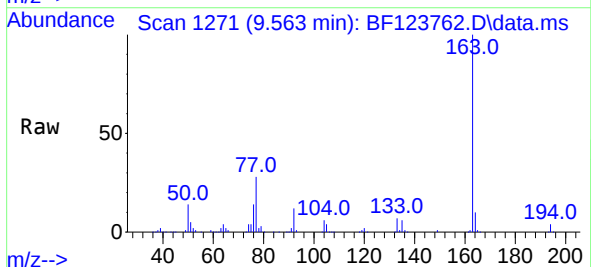
mohammad

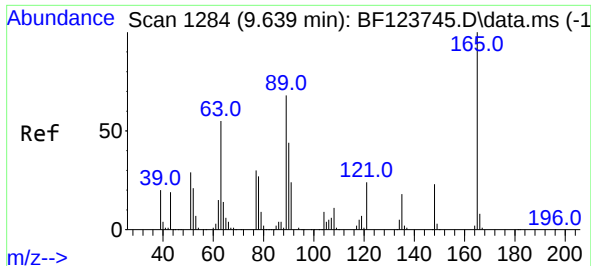
5/3/2021 10:47:47 AM



#50
Dimethylphthalate
Concen: 12.98 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.018 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:163 Resp: 341690
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 12.05 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

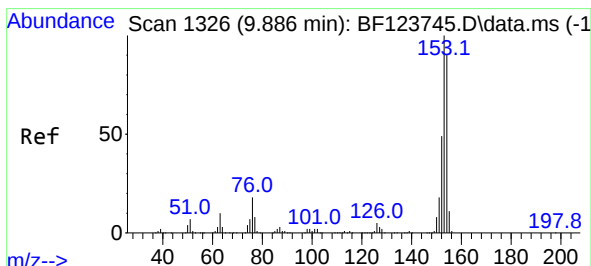
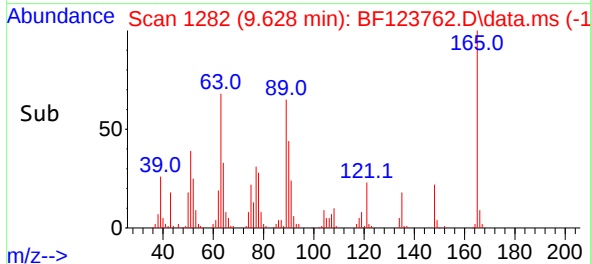
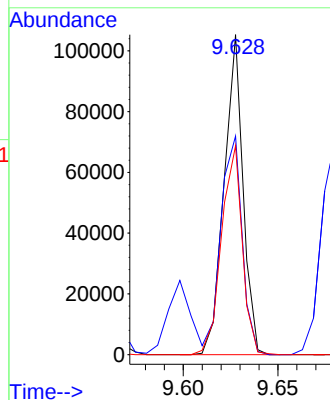
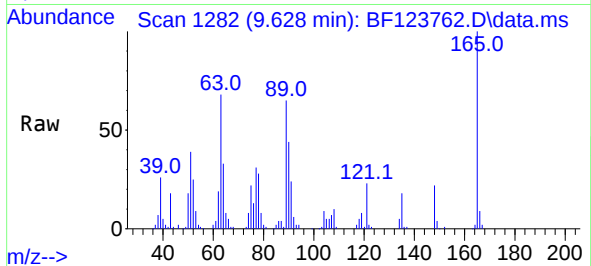
Tgt Ion:165 Resp: 73339
Ion Ratio Lower Upper
165 100
63 68.3 67.7 101.5
89 65.3 58.8 88.2

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

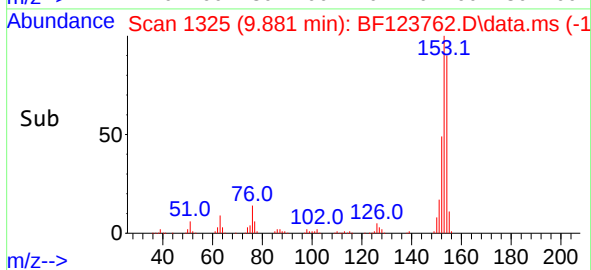
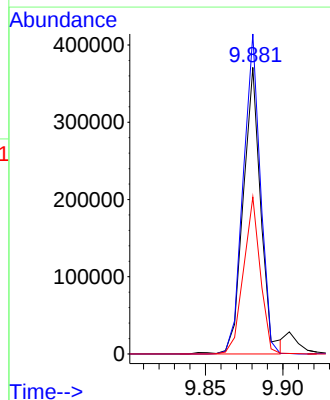
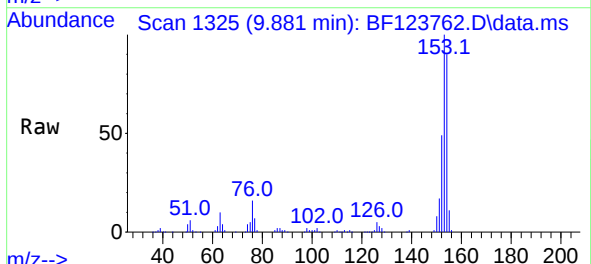
mohammad

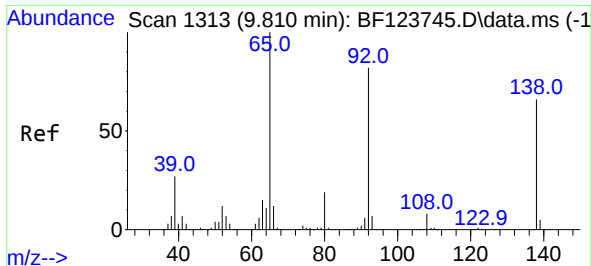
5/3/2021 10:47:47 AM



#52
Acenaphthene
Concen: 12.86 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:154 Resp: 292065
Ion Ratio Lower Upper
154 100
153 111.6 88.1 132.1
152 54.8 43.4 65.0





#53
3-Nitroaniline
Concen: 12.35 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

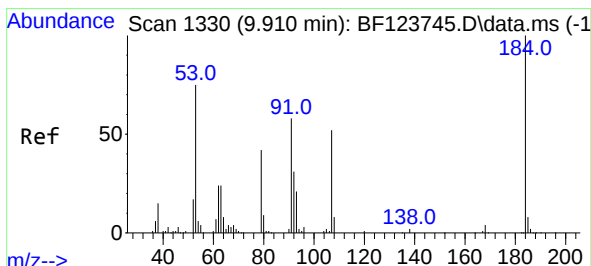
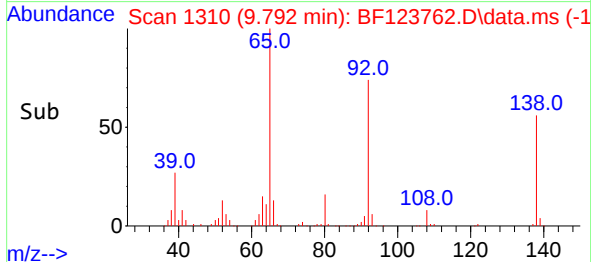
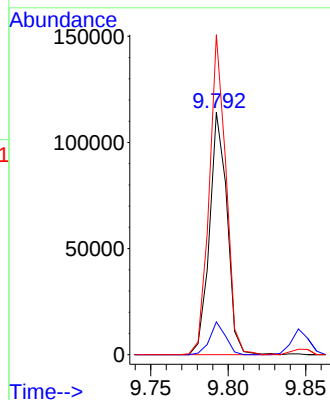
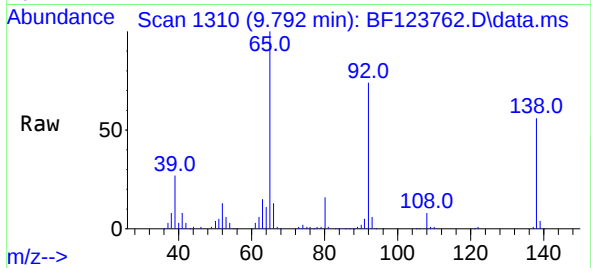
Tgt Ion:	138	Resp:	89821
Ion	Ratio	Lower	Upper
138	100		
108	13.6	10.2	15.4
92	132.1	103.3	154.9

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

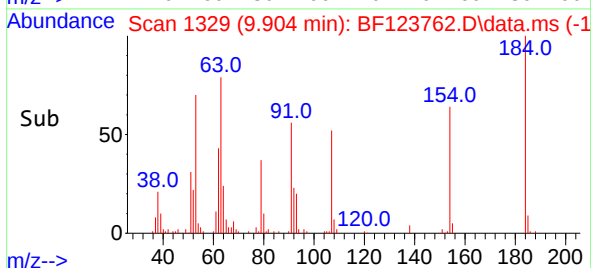
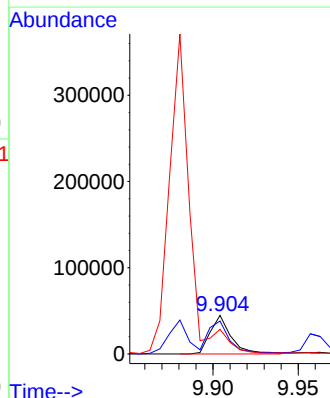
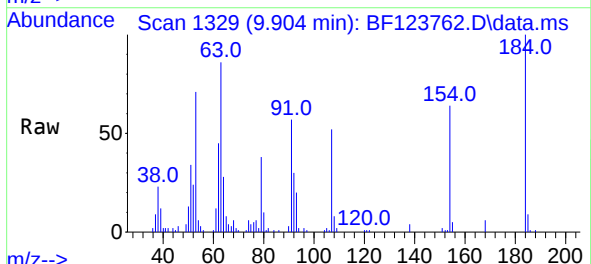
mohammad

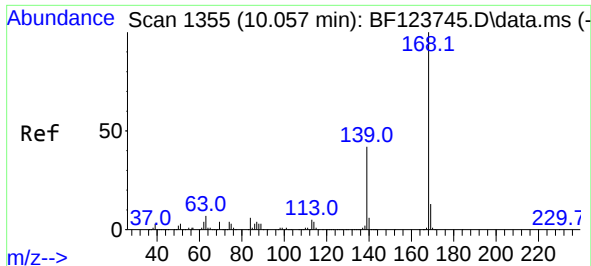
5/3/2021 10:47:47 AM



#54
2,4-Dinitrophenol
Concen: 11.89 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

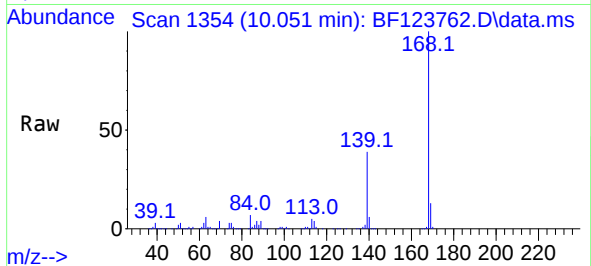
Tgt Ion:	184	Resp:	38454
Ion	Ratio	Lower	Upper
184	100		
63	85.5	73.5	110.3
154	64.0	52.5	78.7





#55
Dibenzofuran
Concen: 12.90 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

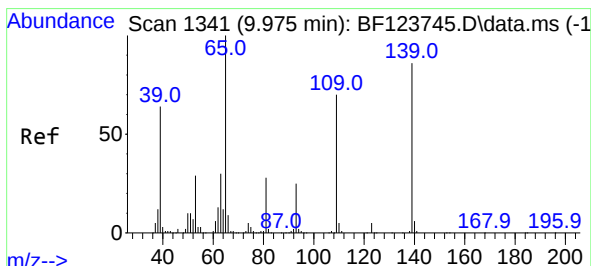
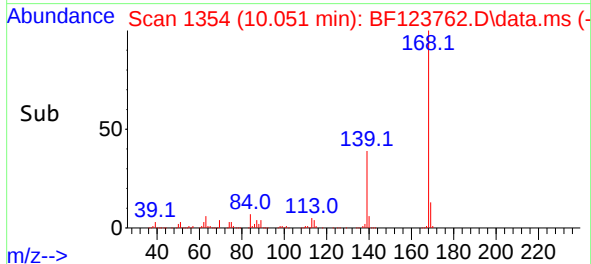
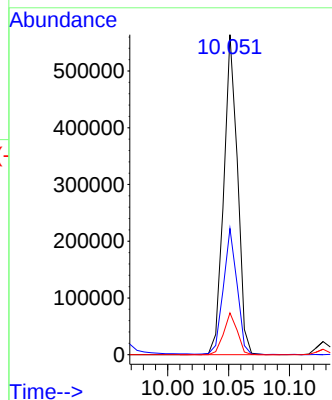


Tgt Ion:168 Resp: 442982
Ion Ratio Lower Upper
168 100
139 39.4 33.2 49.8
169 13.1 10.8 16.2

Manual Integrations
APPROVED

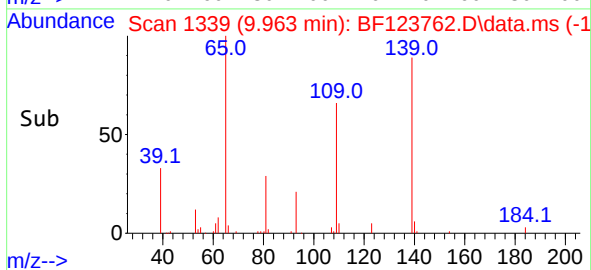
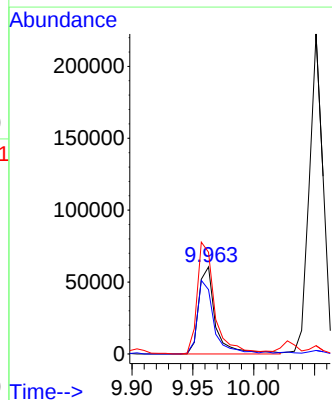
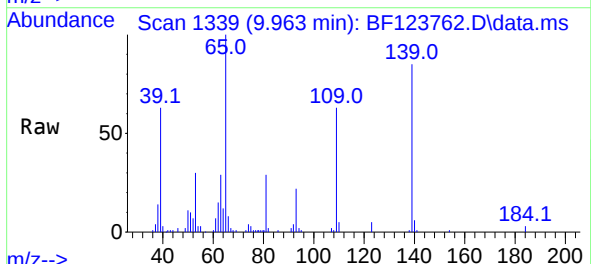
mohammad

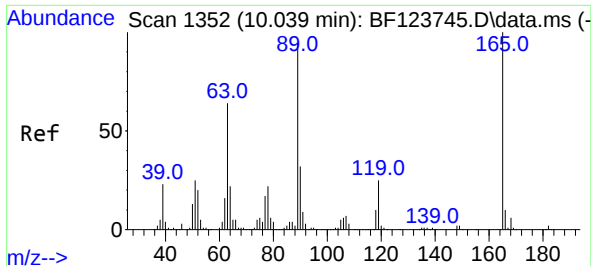
5/3/2021 10:47:47 AM



#56
4-Nitrophenol
Concen: 10.99 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:139 Resp: 58206
Ion Ratio Lower Upper
139 100
109 74.0 63.2 103.2
65 117.1 110.0 150.0





#57
2,4-Dinitrotoluene
Concen: 12.51 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

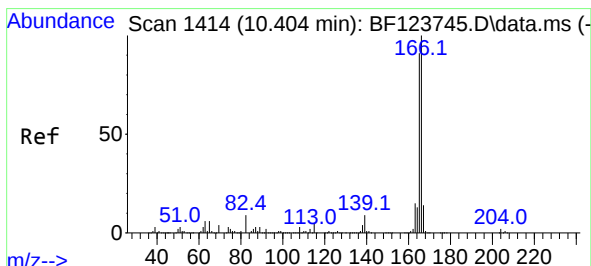
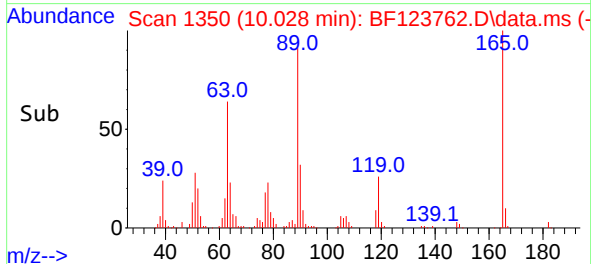
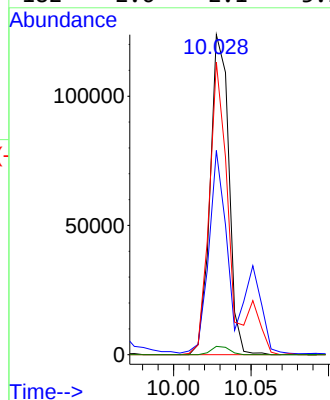
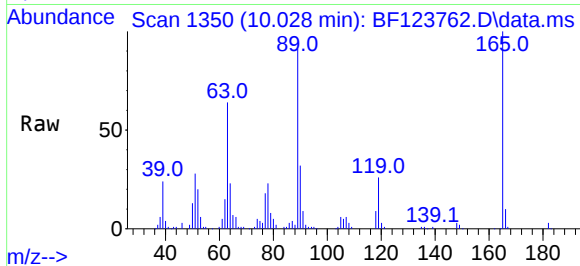
Tgt Ion:165 Resp: 103845
Ion Ratio Lower Upper
165 100
63 63.8 43.5 65.3
89 91.4 67.7 101.5
182 2.6 2.1 3.1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

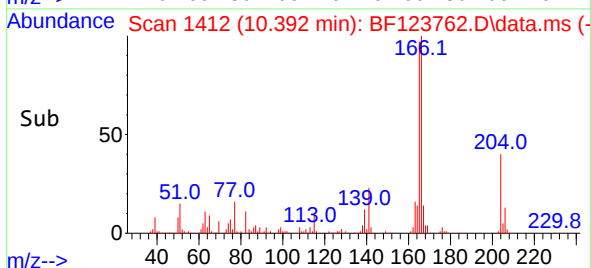
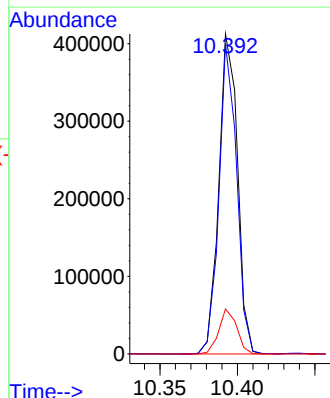
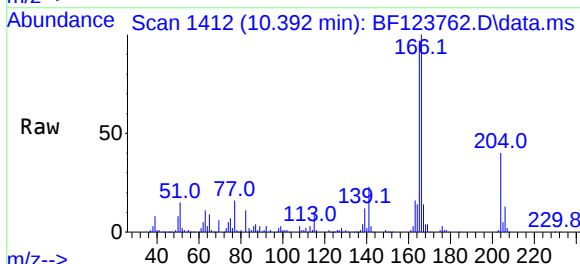
mohammad

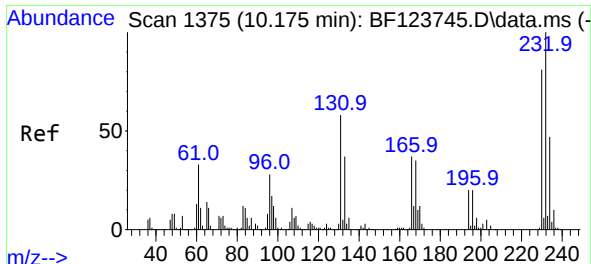
5/3/2021 10:47:47 AM



#58
Fluorene
Concen: 13.12 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:166 Resp: 346287
Ion Ratio Lower Upper
166 100
165 97.0 73.5 110.3
167 14.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 11.91 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

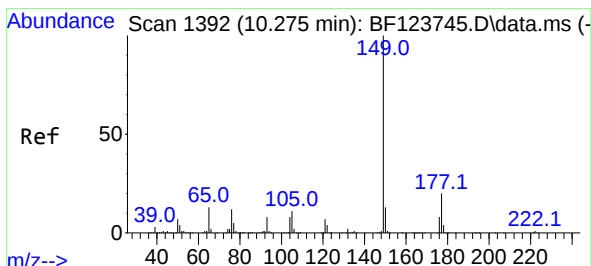
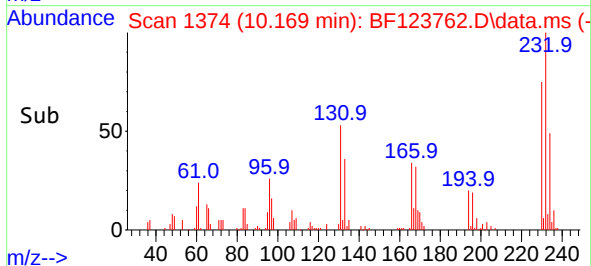
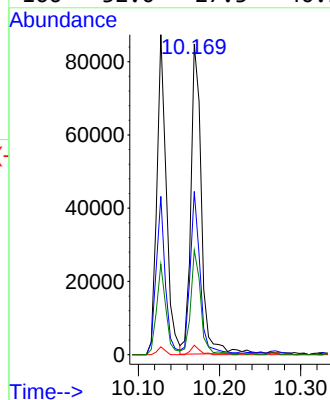
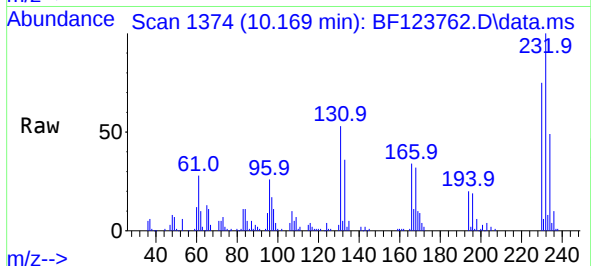
Tgt Ion:232 Resp: 76663
Ion Ratio Lower Upper
232 100
131 48.1 43.2 64.8
130 2.6 2.2 3.2
166 32.0 27.3 40.9

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

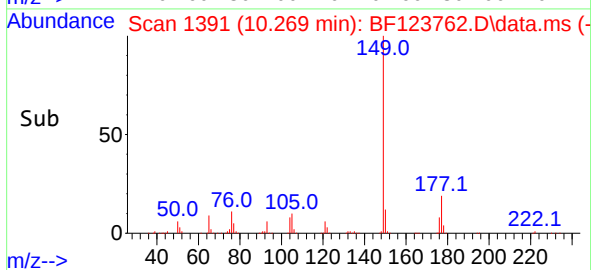
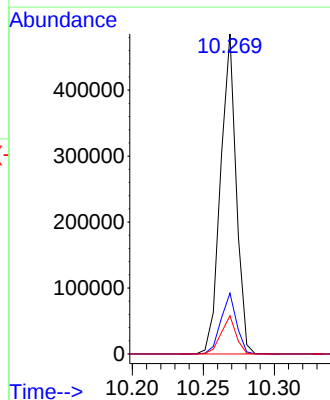
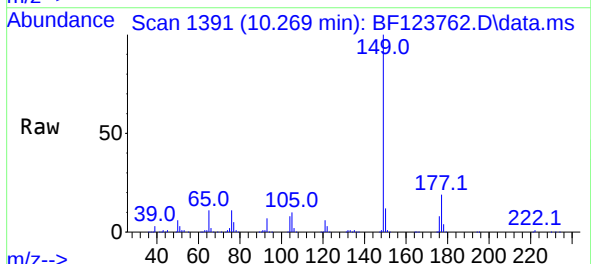
mohammad

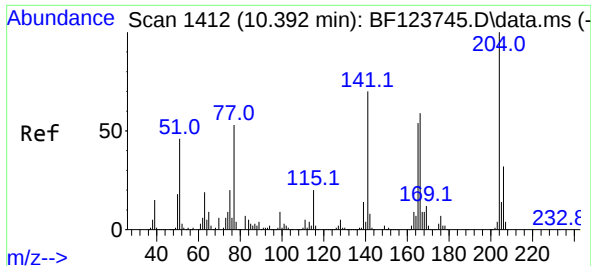
5/3/2021 10:47:47 AM



#60
Diethylphthalate
Concen: 13.25 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

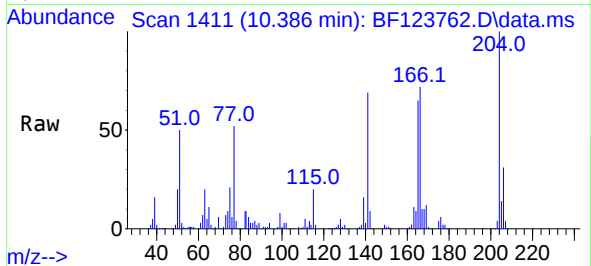
Tgt Ion:149 Resp: 371336
Ion Ratio Lower Upper
149 100
177 19.0 15.4 23.2
150 12.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 13.39 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

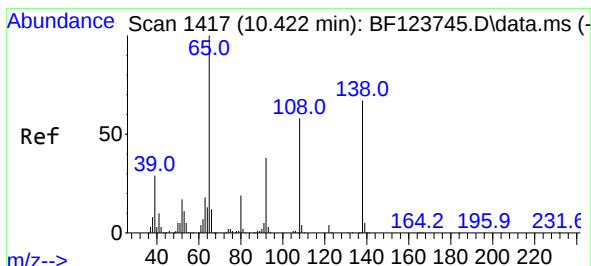
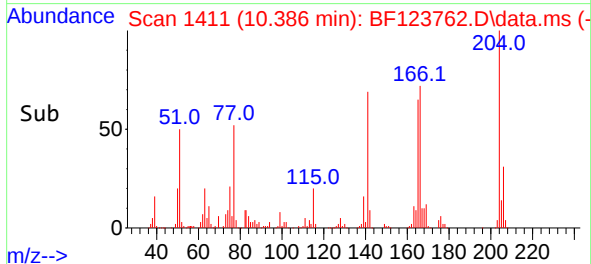
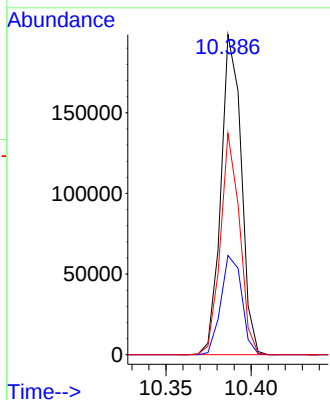


Tgt Ion:204 Resp: 164652
Ion Ratio Lower Upper
204 100
206 31.0 25.7 38.5
141 69.2 55.5 83.3

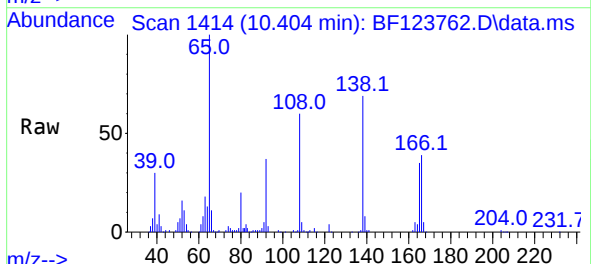
Manual Integrations
APPROVED

mohammad

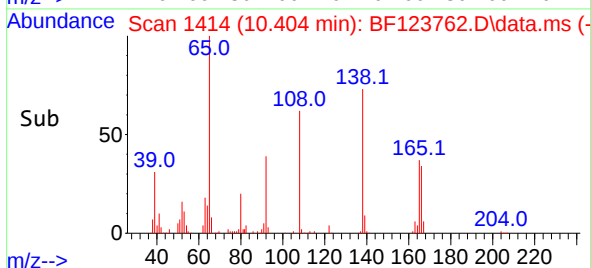
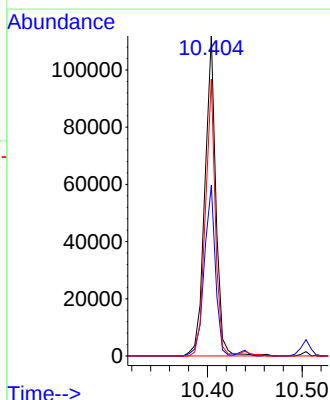
5/3/2021 10:47:47 AM

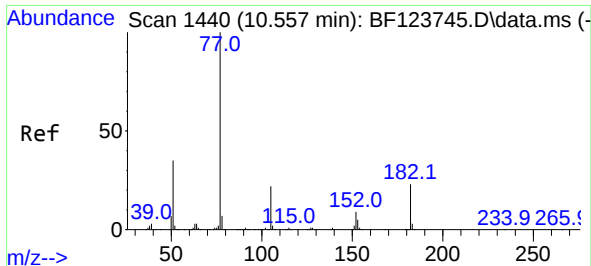


#62
4-Nitroaniline
Concen: 12.51 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.018 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

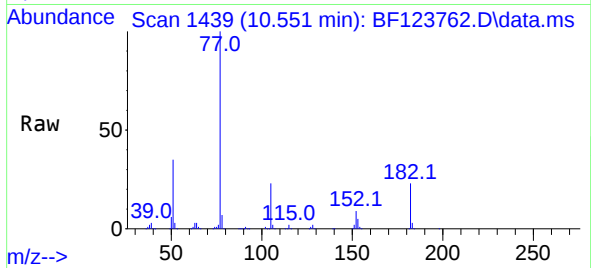


Tgt Ion:138 Resp: 90091
Ion Ratio Lower Upper
138 100
92 53.3 35.8 75.8
108 86.4 63.6 103.6



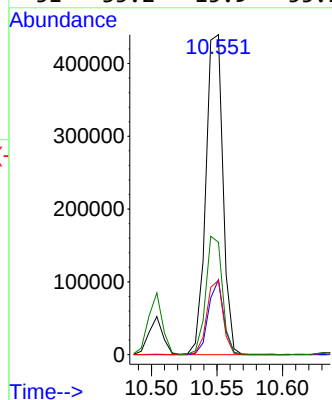


#63
Azobenzene
Concen: 12.47 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



Tgt Ion: 77 Resp: 401765

Ion	Ratio	Lower	Upper
77	100		
182	23.4	1.7	41.7
105	23.2	1.7	41.7
51	35.2	15.9	55.9

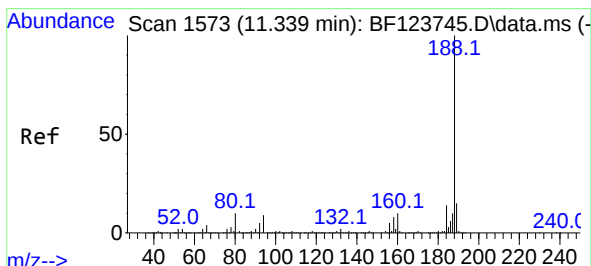


Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

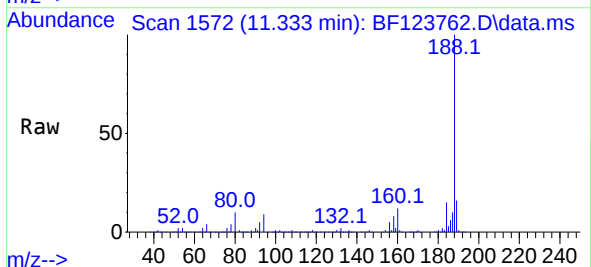
Manual Integrations
APPROVED

mohammad

5/3/2021 10:47:47 AM

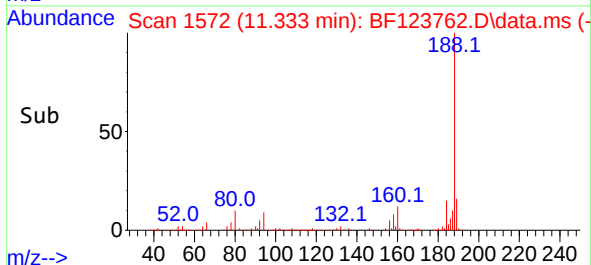
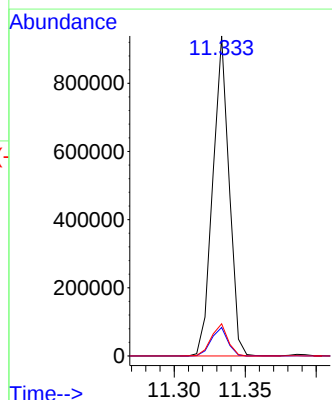


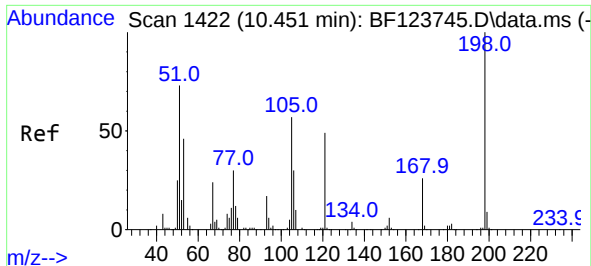
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



Tgt Ion: 188 Resp: 751265

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	10.1	8.2	12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 8.91 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

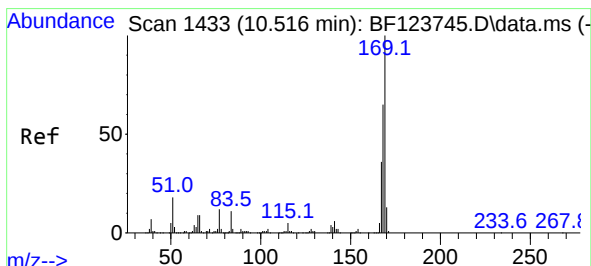
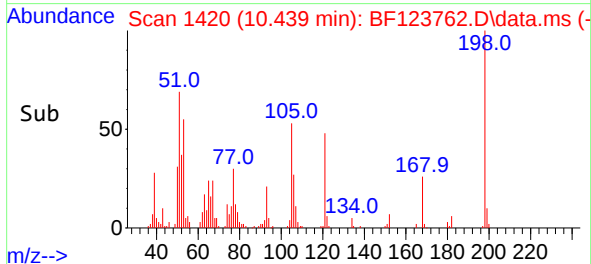
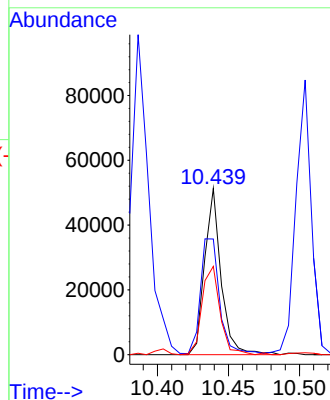
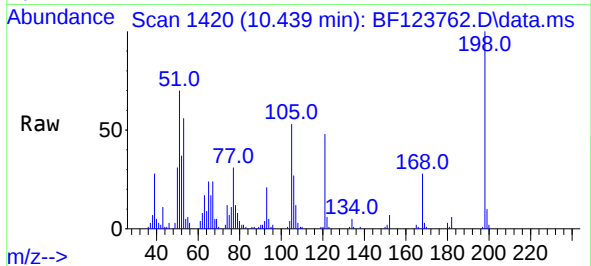
Tgt Ion:	198	Resp:	41453
Ion	Ratio	Lower	Upper
198	100		
51	69.6	64.8	104.8
105	53.2	42.6	82.6

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

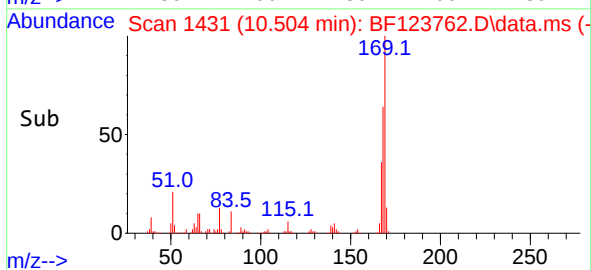
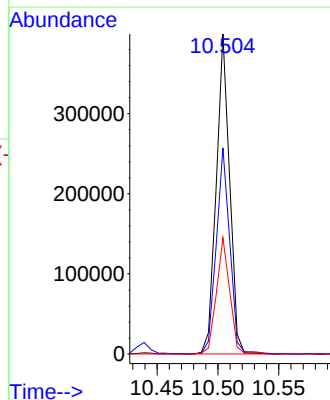
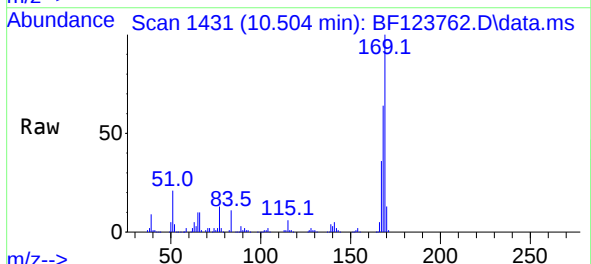
mohammad

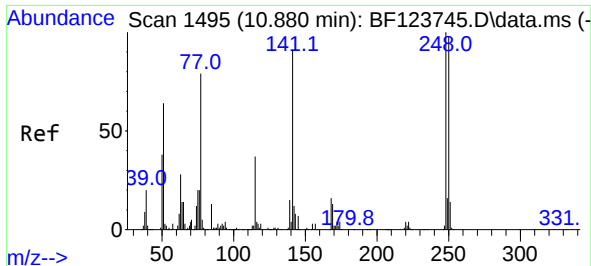
5/3/2021 10:47:47 AM



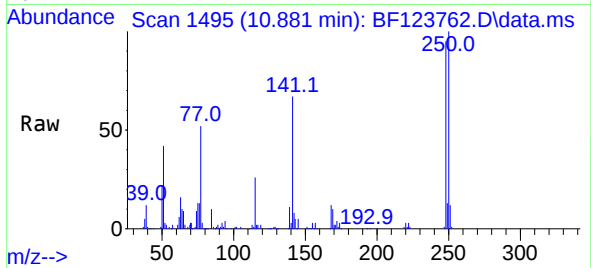
#66
n-Nitrosodiphenylamine
Concen: 12.35 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:	169	Resp:	303447
Ion	Ratio	Lower	Upper
169	100		
168	64.4	53.3	79.9
167	36.4	29.9	44.9

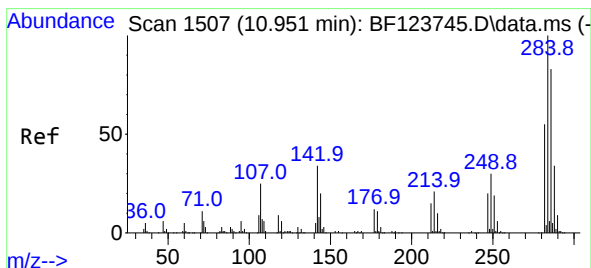
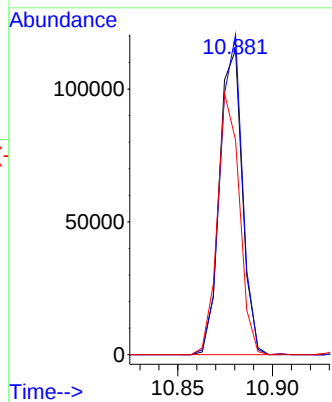
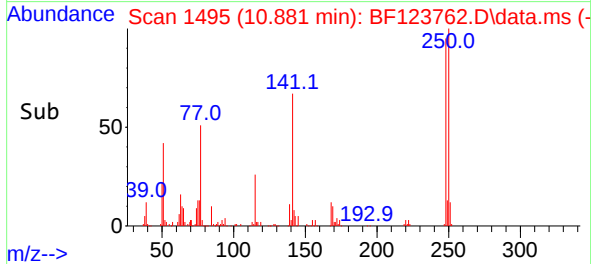




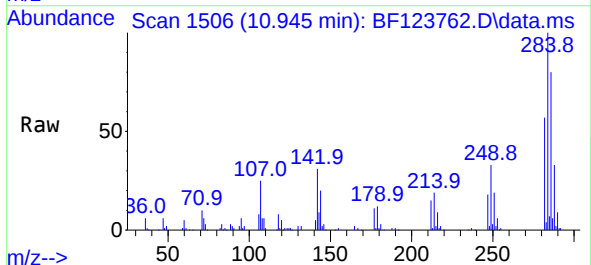
#67
4-Bromophenyl-phenylether
Concen: 12.21 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



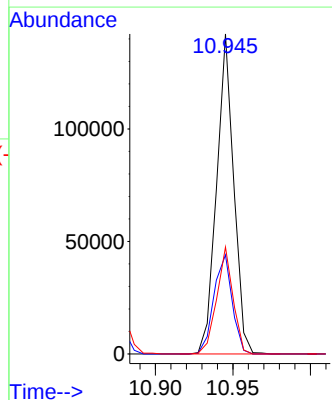
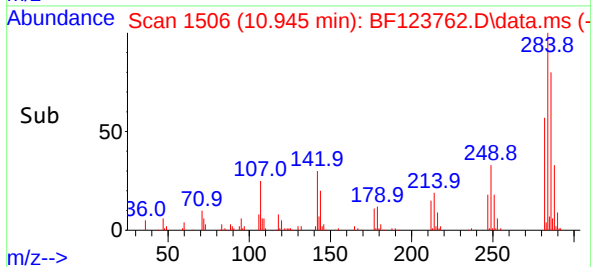
Tgt Ion:248 Resp: 96580
Ion Ratio Lower Upper
248 100
250 105.0 77.4 116.2
141 70.4 63.7 95.5



#68
Hexachlorobenzene
Concen: 12.14 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



Tgt Ion:284 Resp: 109307
Ion Ratio Lower Upper
284 100
142 31.0 28.3 42.5
249 33.4 23.5 35.3

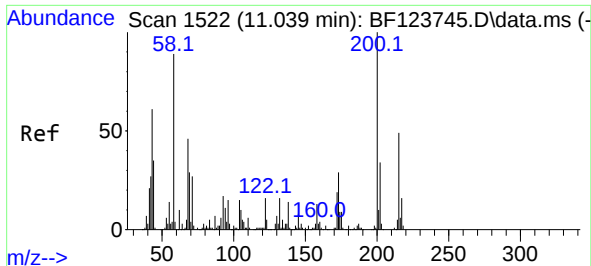


Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

mohammad

5/3/2021 10:47:47 AM



#69
Atrazine
Concen: 7.12 ng
RT: 11.028 min Scan# 1520
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

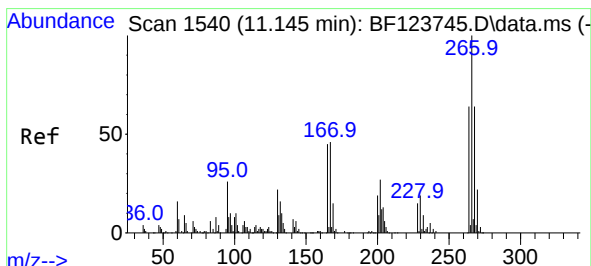
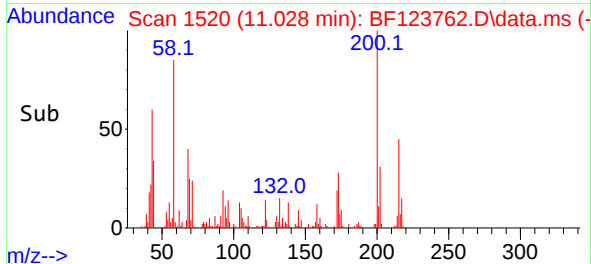
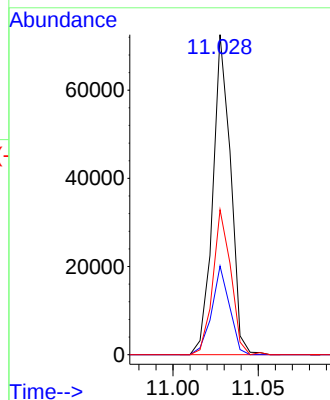
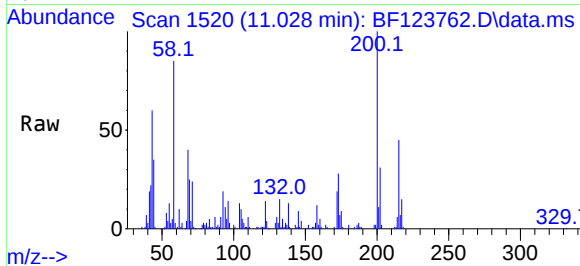
Tgt Ion:	200	Resp:	52874
Ion Ratio	Lower	Upper	
200	100		
173	27.7	6.9	46.9
215	45.3	26.5	66.5

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

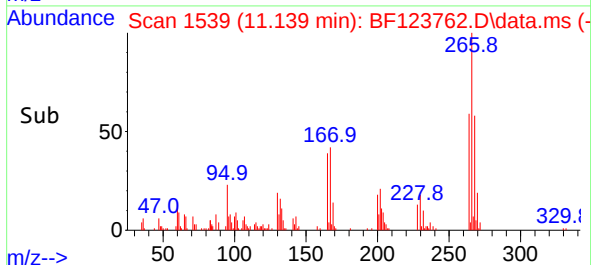
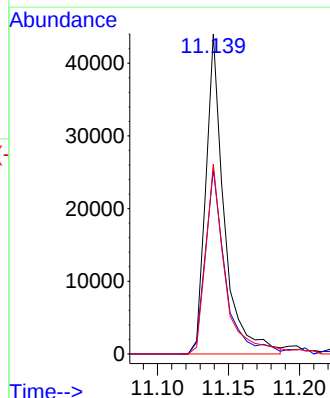
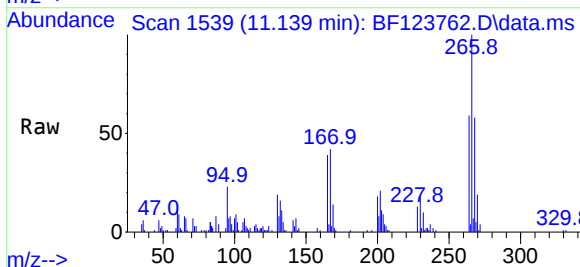
mohammad

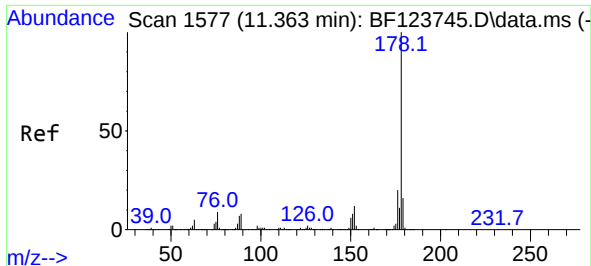
5/3/2021 10:47:47 AM



#70
Pentachlorophenol
Concen: 8.63 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:	266	Resp:	39615
Ion Ratio	Lower	Upper	
266	100		
268	57.8	51.6	77.4
264	59.4	52.6	78.8





#71
Phenanthrene
Concen: 12.47 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

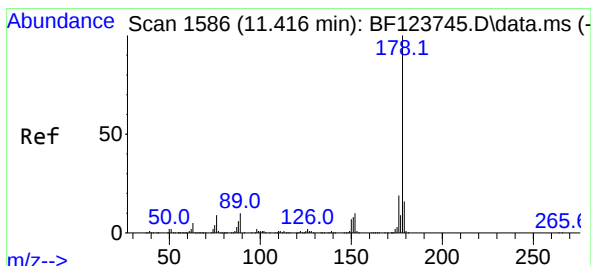
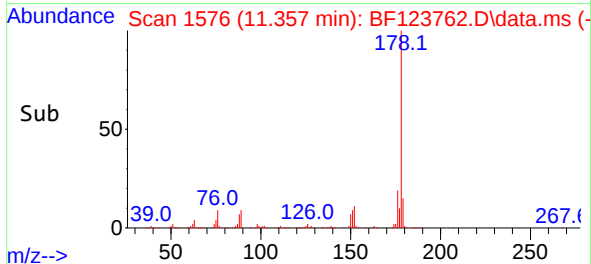
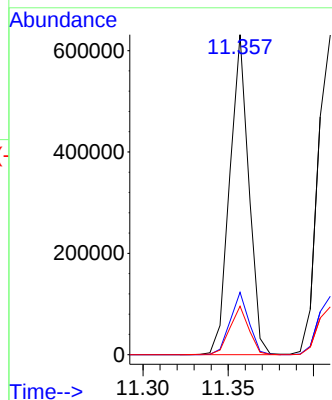
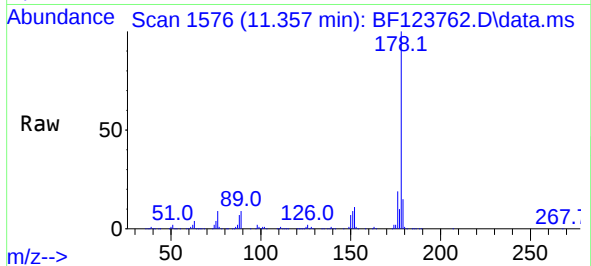
Tgt Ion:	178	Resp:	491341
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.6	23.4
179	15.1	12.5	18.7

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

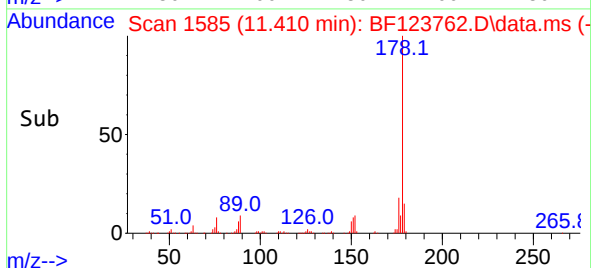
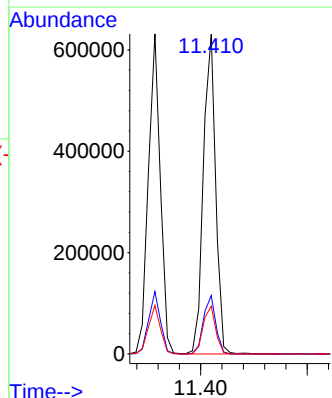
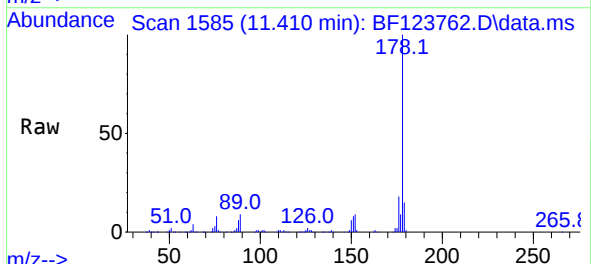
mohammad

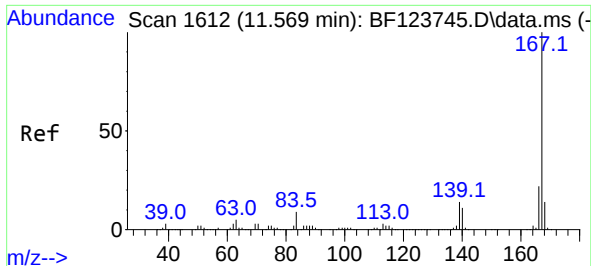
5/3/2021 10:47:47 AM



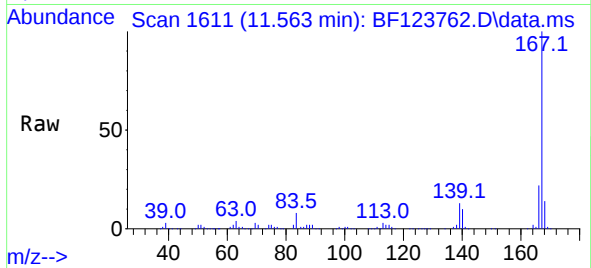
#72
Anthracene
Concen: 12.97 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:	178	Resp:	507957
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.4	23.0
179	15.0	12.6	18.8

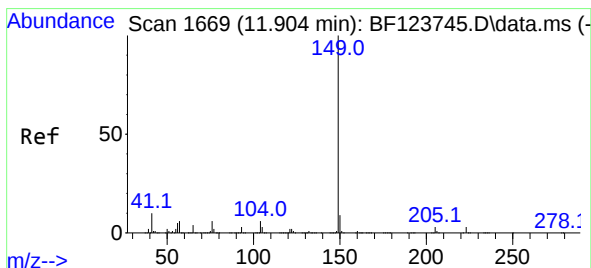
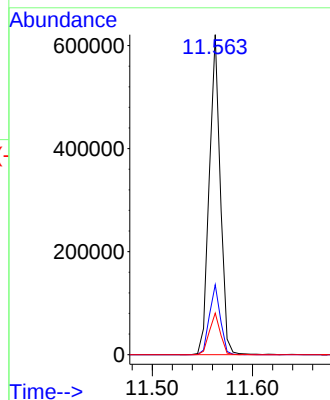
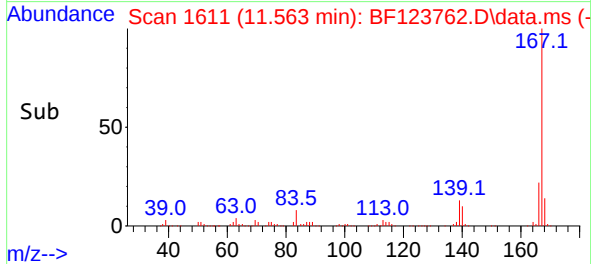




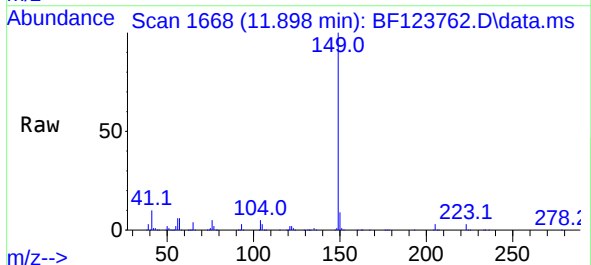
#73
Carbazole
Concen: 11.97 ng
RT: 11.563 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



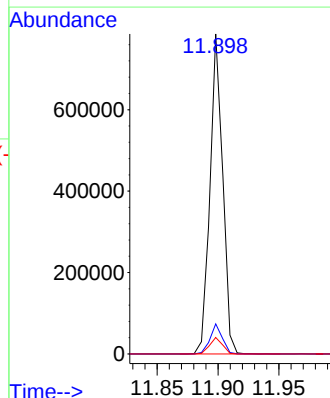
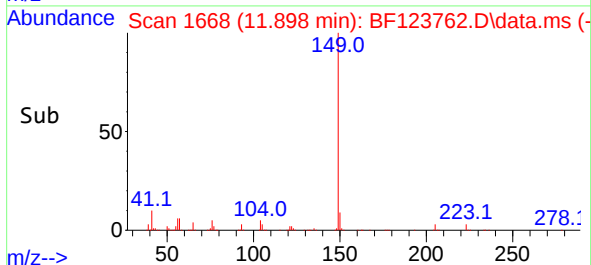
Tgt Ion:167 Resp: 473919
Ion Ratio Lower Upper
167 100
166 21.9 17.0 25.6
139 13.0 10.4 15.6



#74
Di-n-butylphthalate
Concen: 12.84 ng
RT: 11.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



Tgt Ion:149 Resp: 570677
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.8
104 5.2 4.6 6.8

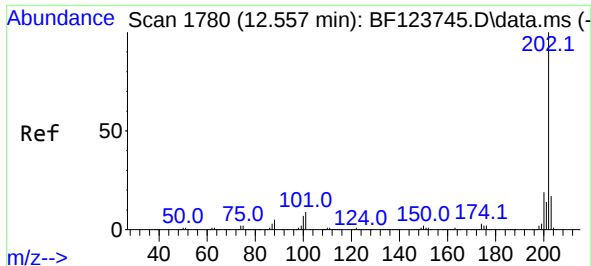


Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

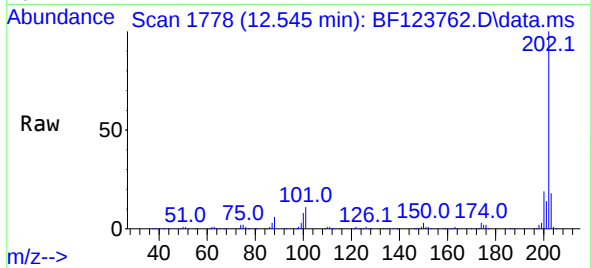
mohammad

5/3/2021 10:47:47 AM



#75
Fluoranthene
Concen: 12.41 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

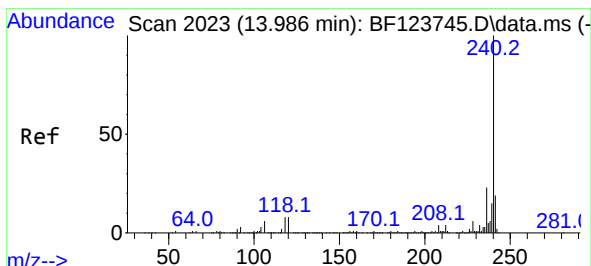
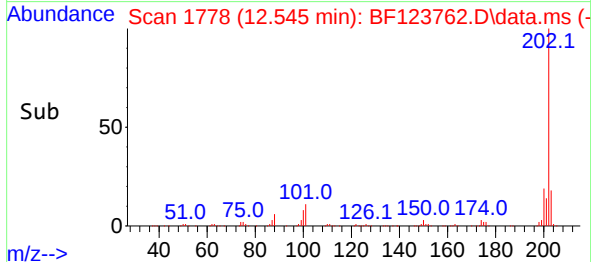
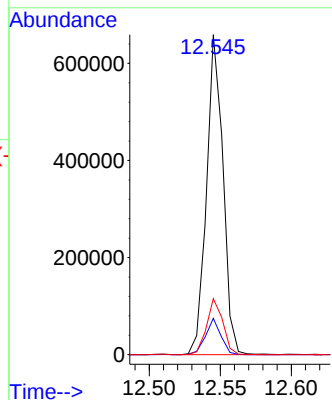


Tgt Ion:202 Resp: 533400
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.9
203 17.5 0.0 37.5

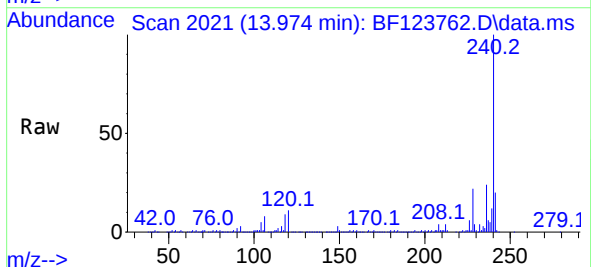
Manual Integrations
APPROVED

mohammad

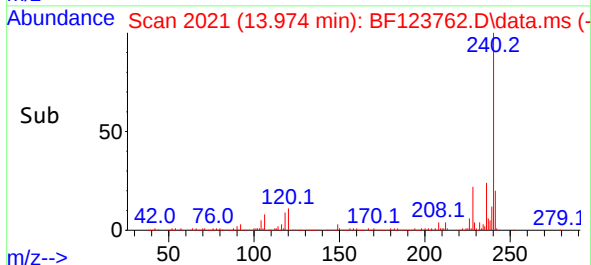
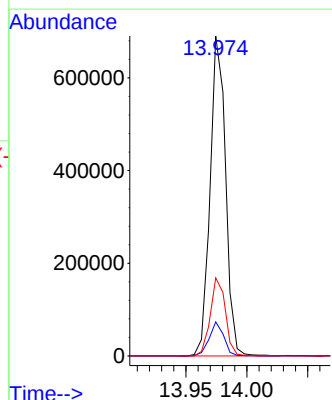
5/3/2021 10:47:47 AM

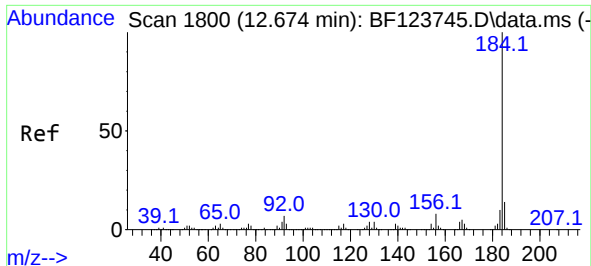


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



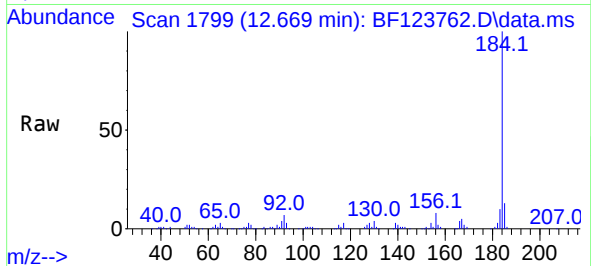
Tgt Ion:240 Resp: 612412
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 24.4 19.0 28.4





#77
Benzidine
Concen: 10.42 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

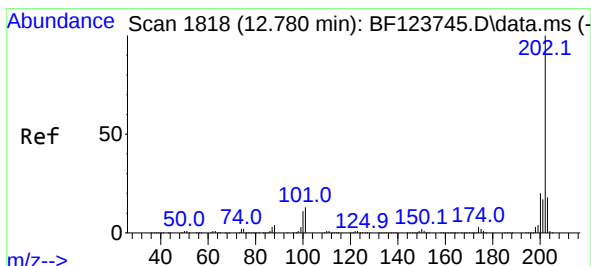
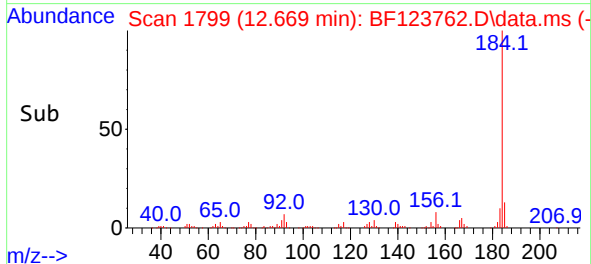
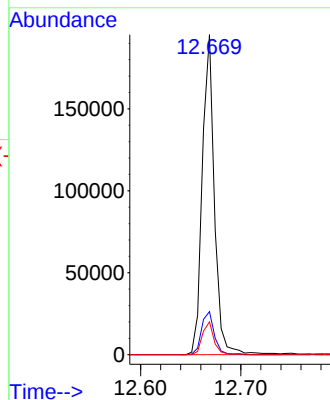


Tgt Ion:184 Resp: 165175
Ion Ratio Lower Upper
184 100
185 13.5 12.1 18.1
183 10.2 7.8 11.8

Manual Integrations
APPROVED

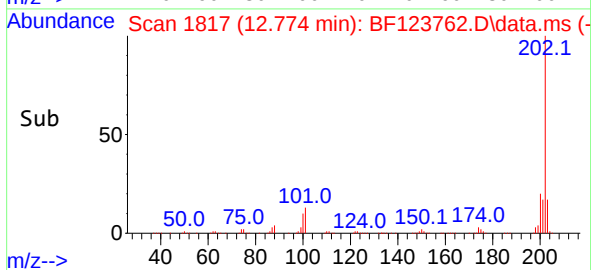
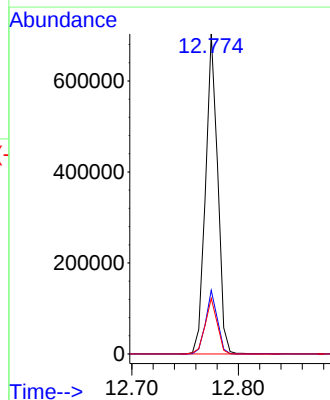
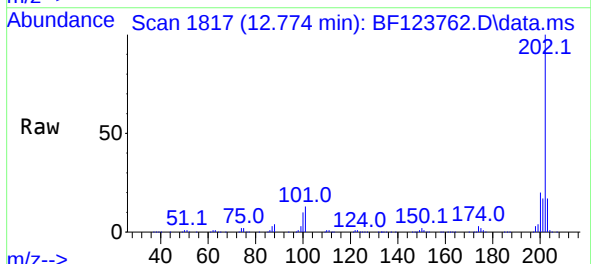
mohammad

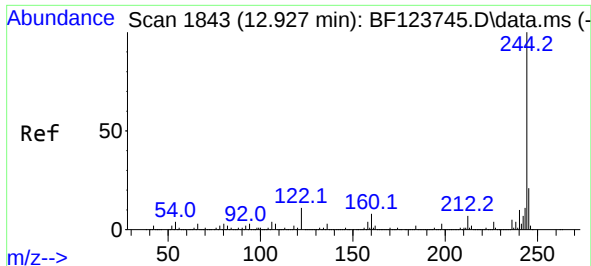
5/3/2021 10:47:47 AM



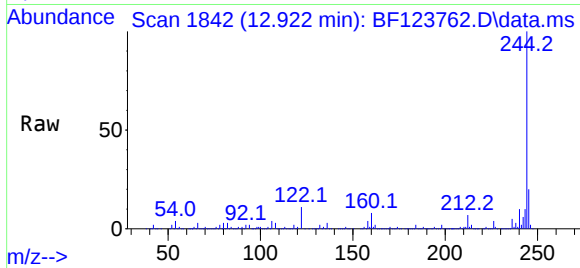
#78
Pyrene
Concen: 11.75 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:202 Resp: 558548
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.4 14.8 22.2



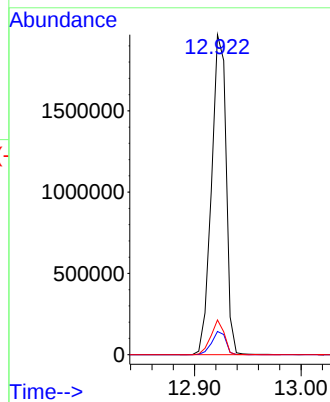
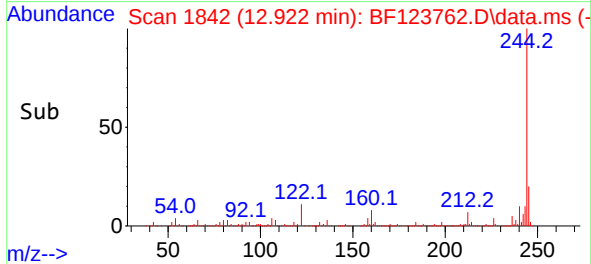


#79
Terphenyl-d14
Concen: 59.03 ng
RT: 12.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



Tgt Ion:244 Resp: 1877332

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.9	9.7	14.5

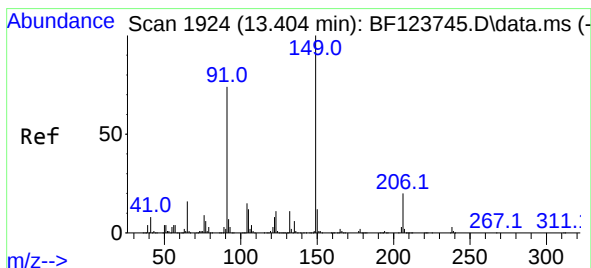


Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

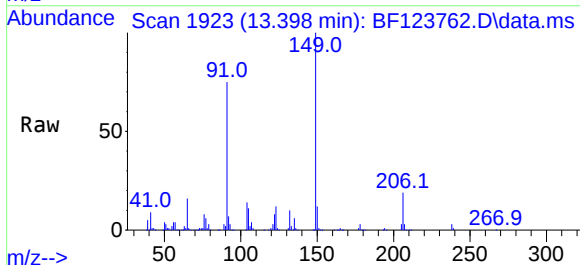
Manual Integrations
APPROVED

mohammad

5/3/2021 10:47:47 AM

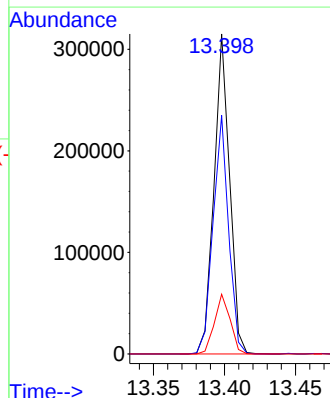
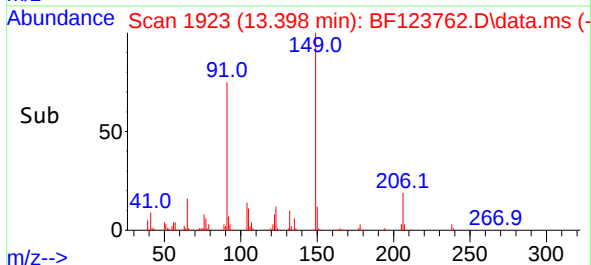


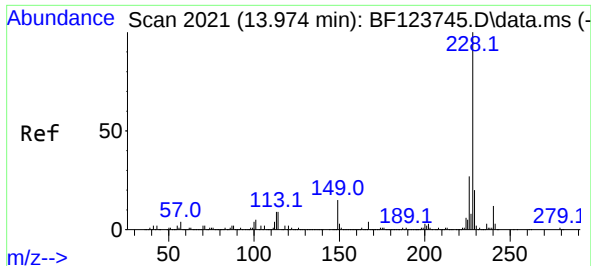
#80
Butylbenzylphthalate
Concen: 11.86 ng
RT: 13.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



Tgt Ion:149 Resp: 240757

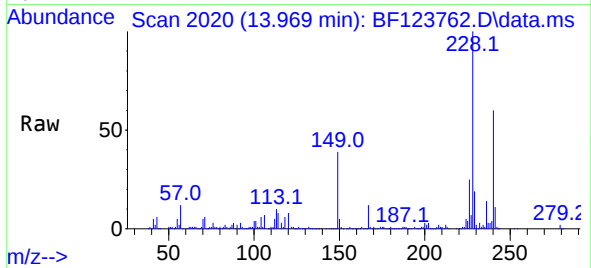
Ion	Ratio	Lower	Upper
149	100		
91	74.5	63.6	95.4
206	18.7	14.5	21.7





#81
Benzo(a)anthracene
Concen: 12.40 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

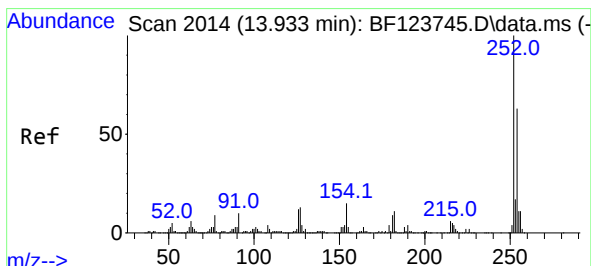
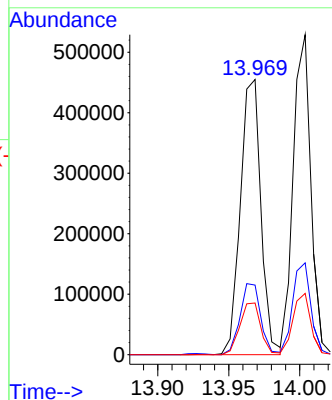
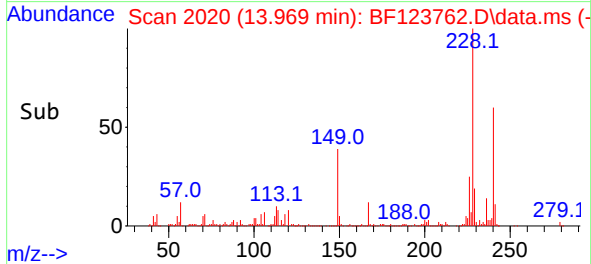


Tgt Ion:228 Resp: 460226
Ion Ratio Lower Upper
228 100
226 25.3 22.4 33.6
229 18.8 16.0 24.0

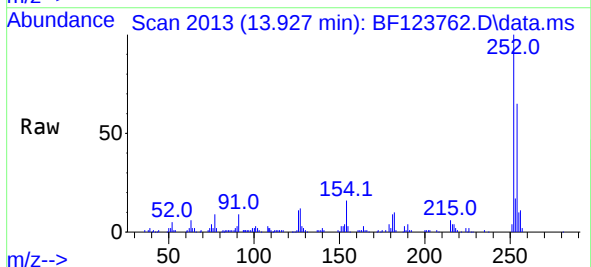
Manual Integrations
APPROVED

mohammad

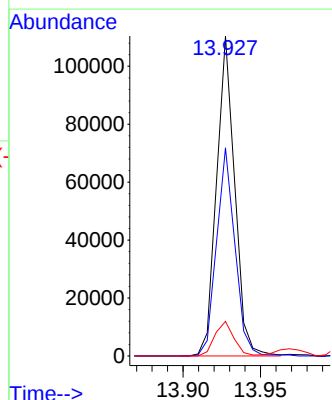
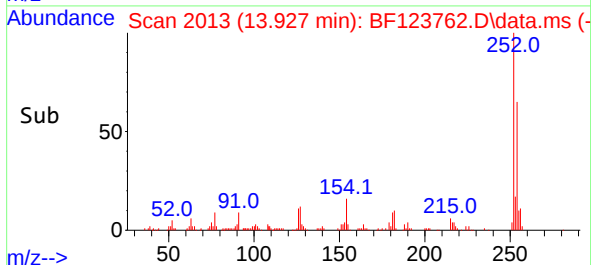
5/3/2021 10:47:47 AM

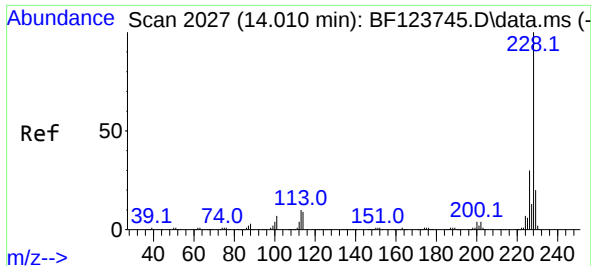


#82
3,3'-Dichlorobenzidine
Concen: 7.91 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



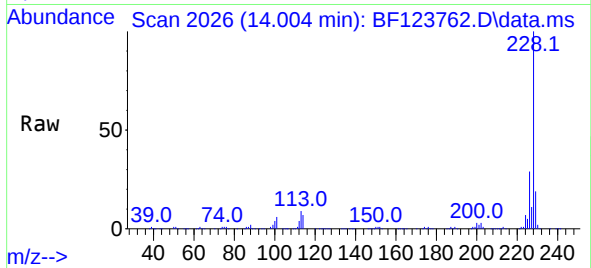
Tgt Ion:252 Resp: 90205
Ion Ratio Lower Upper
252 100
254 65.0 51.1 76.7
126 10.8 7.7 11.5





#83
Chrysene
Concen: 12.34 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

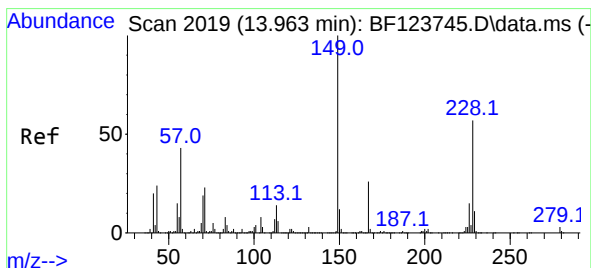
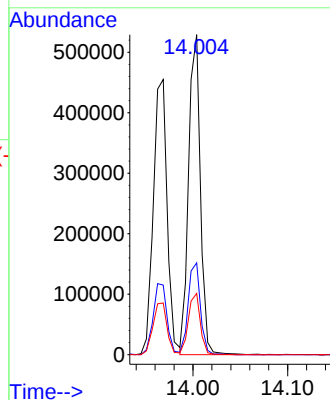
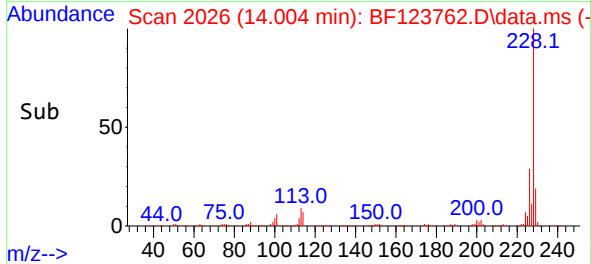


Tgt Ion:228 Resp: 460613
Ion Ratio Lower Upper
228 100
226 28.7 24.3 36.5
229 19.2 16.2 24.2

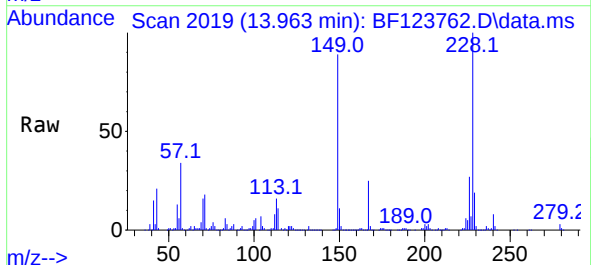
Manual Integrations
APPROVED

mohammad

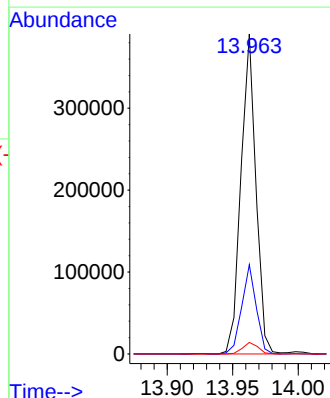
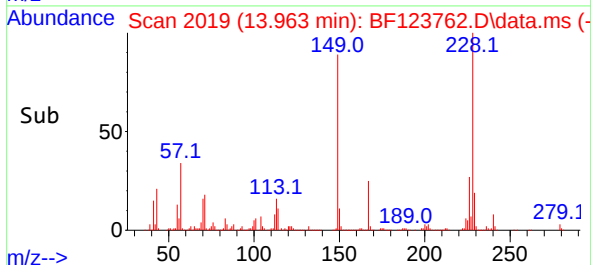
5/3/2021 10:47:47 AM

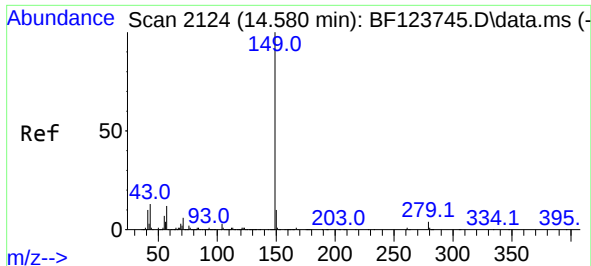


#84
Bis(2-ethylhexyl)phthalate
Concen: 12.33 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

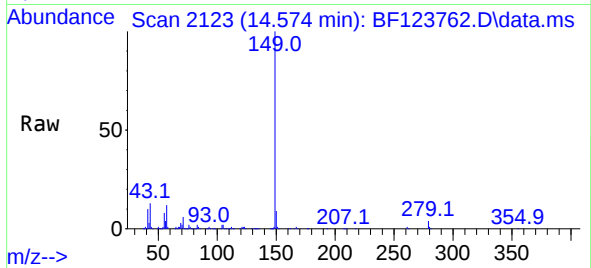


Tgt Ion:149 Resp: 311055
Ion Ratio Lower Upper
149 100
167 27.9 21.8 32.6
279 3.6 3.3 4.9

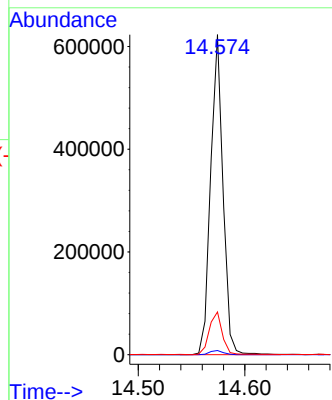




#85
Di-n-octyl phthalate
Concen: 12.44 ng
RT: 14.574 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



Tgt Ion:149 Resp: 501736
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 14.3 11.8 17.6

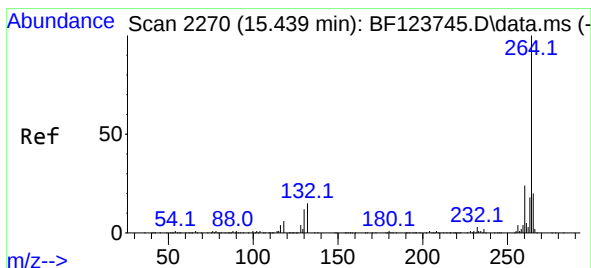


Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

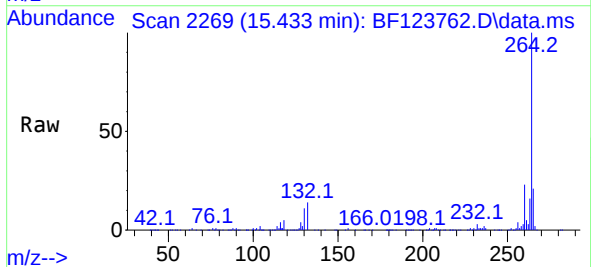
Manual Integrations
APPROVED

mohammad

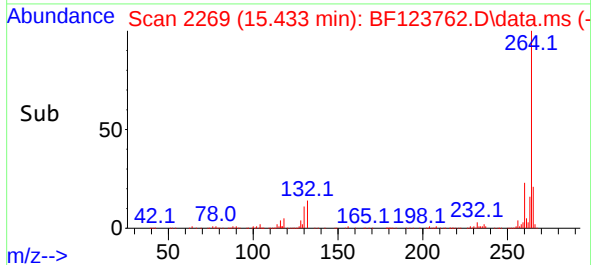
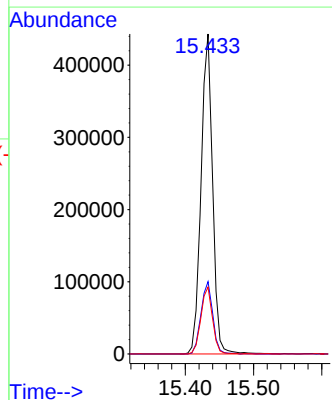
5/3/2021 10:47:47 AM

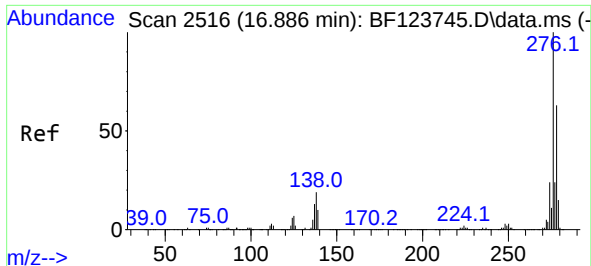


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45



Tgt Ion:264 Resp: 522409
Ion Ratio Lower Upper
264 100
260 22.6 18.7 28.1
265 20.9 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 11.69 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.018 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

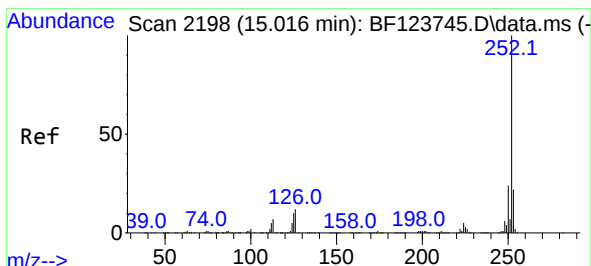
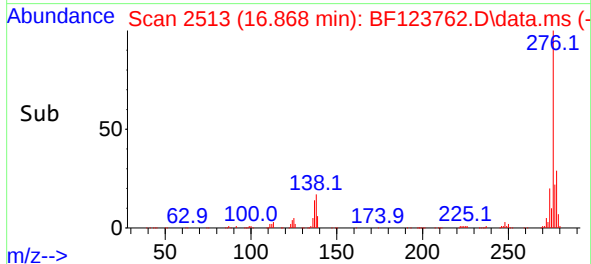
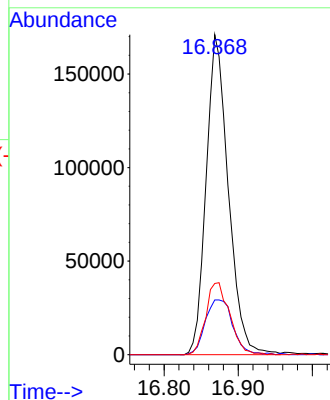
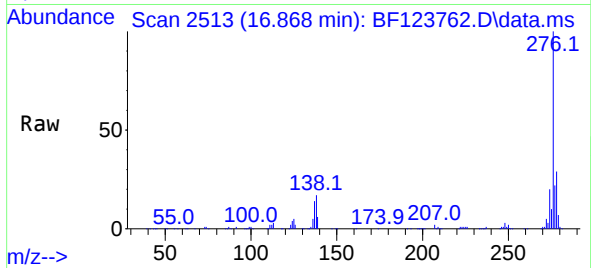
Tgt Ion: 276 Resp: 355528
Ion Ratio Lower Upper
276 100
138 21.3 16.2 24.2
277 24.4 20.1 30.1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

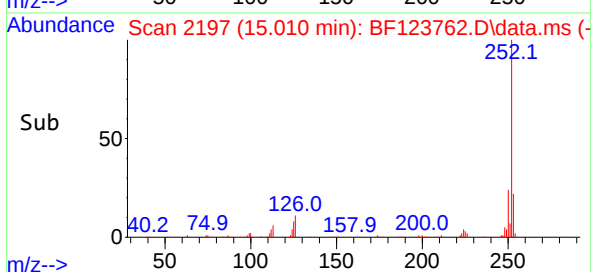
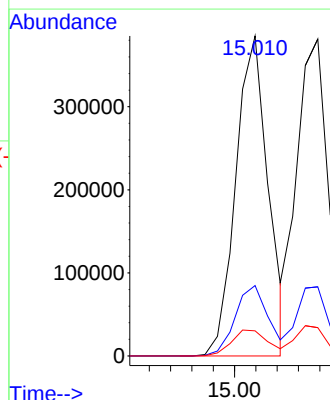
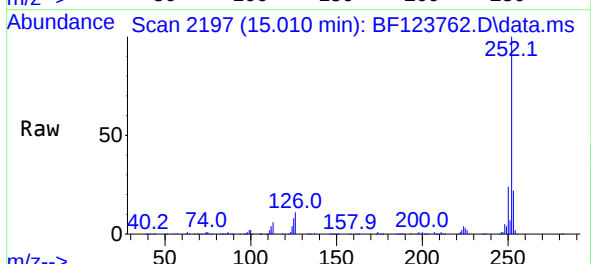
mohammad

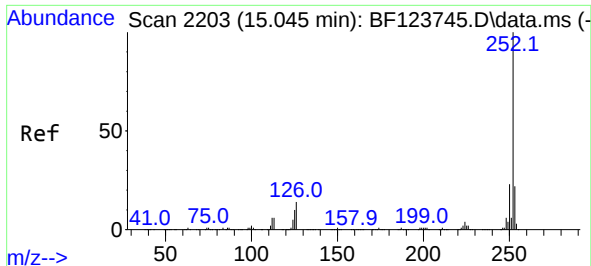
5/3/2021 10:47:47 AM



#88
Benzo(b)fluoranthene
Concen: 11.54 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion: 252 Resp: 406281
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 7.9 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 12.05 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

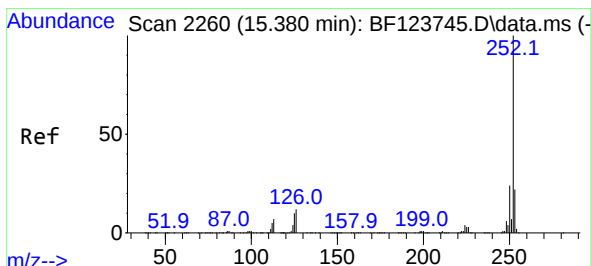
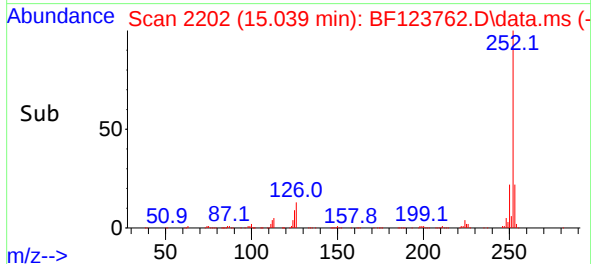
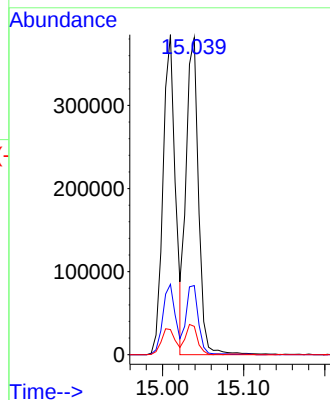
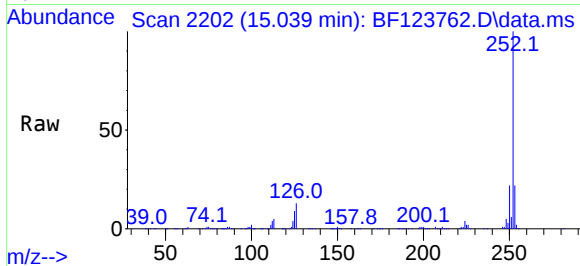
Tgt Ion:252 Resp: 404864
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.9 7.0 10.6

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

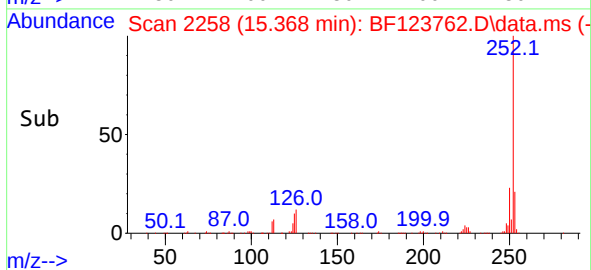
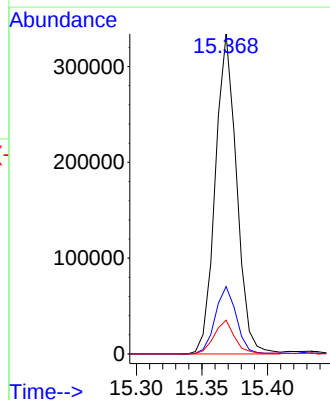
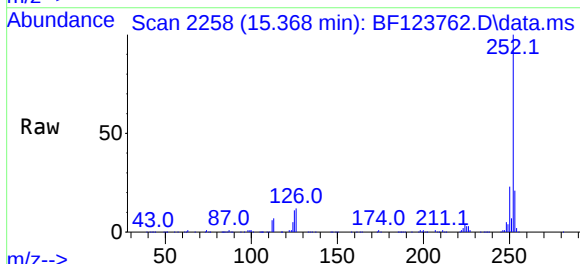
mohammad

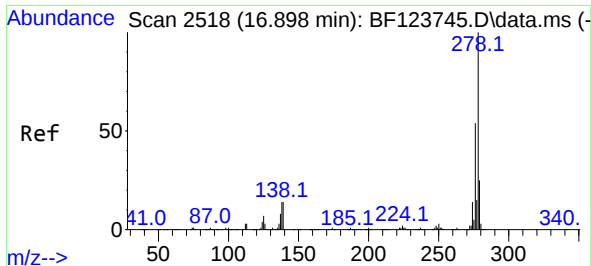
5/3/2021 10:47:47 AM



#90
Benzo(a)pyrene
Concen: 12.53 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion:252 Resp: 377327
Ion Ratio Lower Upper
252 100
253 21.1 18.4 27.6
125 10.5 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 11.63 ng
RT: 16.886 min Scan# 2516
Delta R.T. -0.012 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

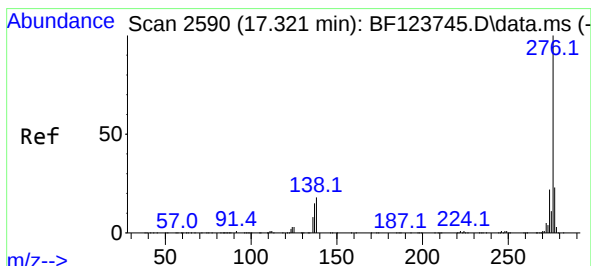
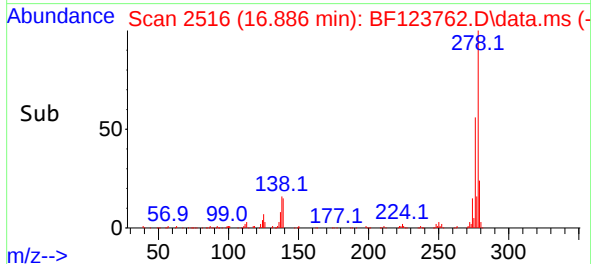
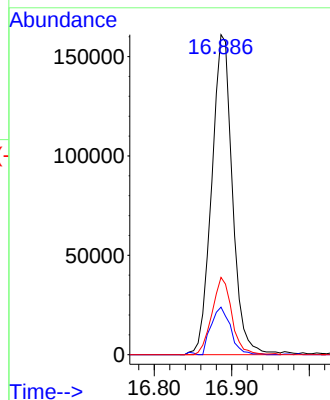
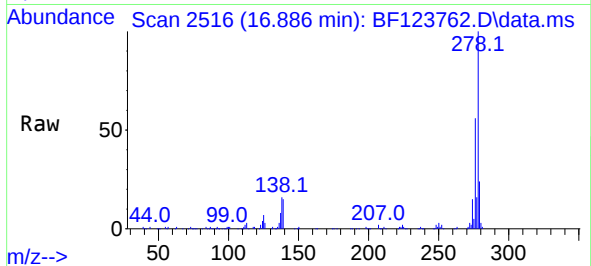
Tgt Ion: 278 Resp: 298640
Ion Ratio Lower Upper
278 100
139 14.9 10.2 15.2
279 24.1 19.4 29.0

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

mohammad

5/3/2021 10:47:47 AM



#92
Benzo(g,h,i)perylene
Concen: 11.08 ng
RT: 17.304 min Scan# 2587
Delta R.T. -0.018 min
Lab File: BF123762.D
Acq: 29 Apr 2021 13:45

Tgt Ion: 276 Resp: 285099
Ion Ratio Lower Upper
276 100
277 22.8 18.2 27.2
138 16.7 13.8 20.6

